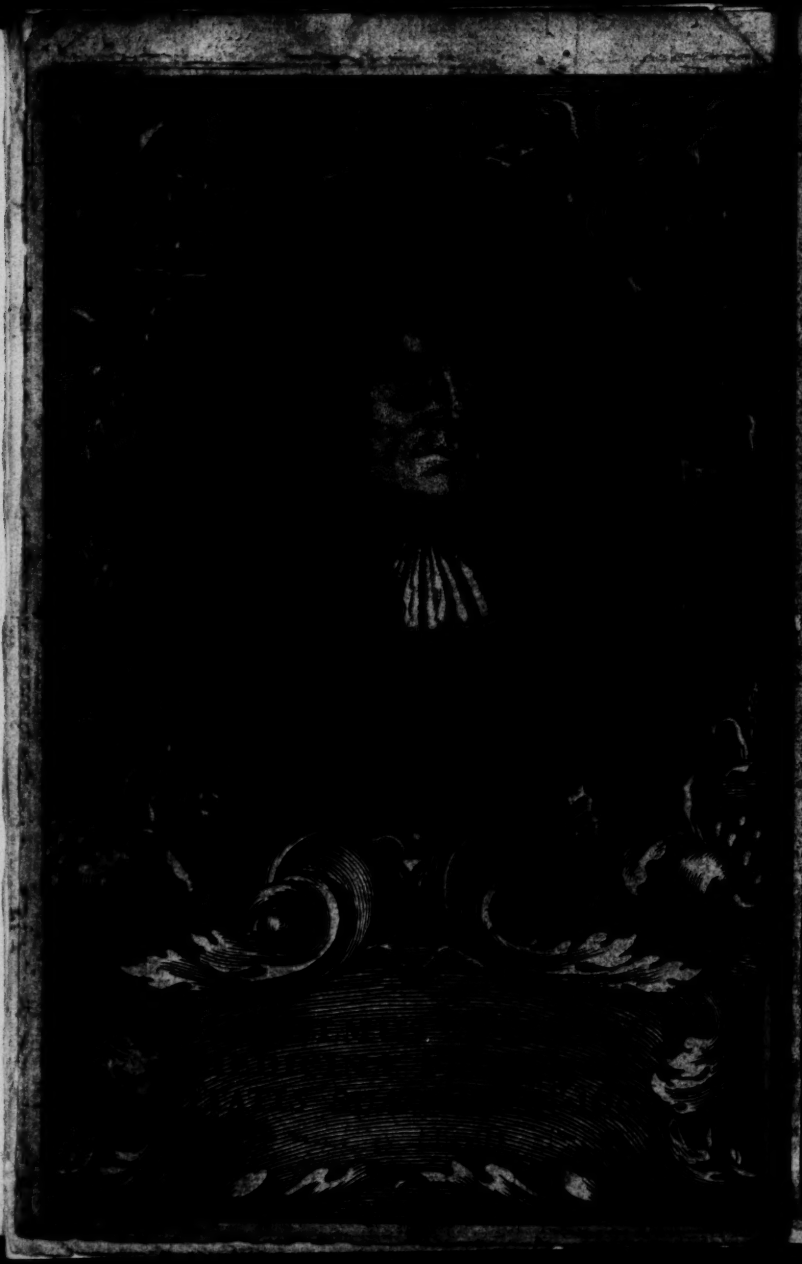
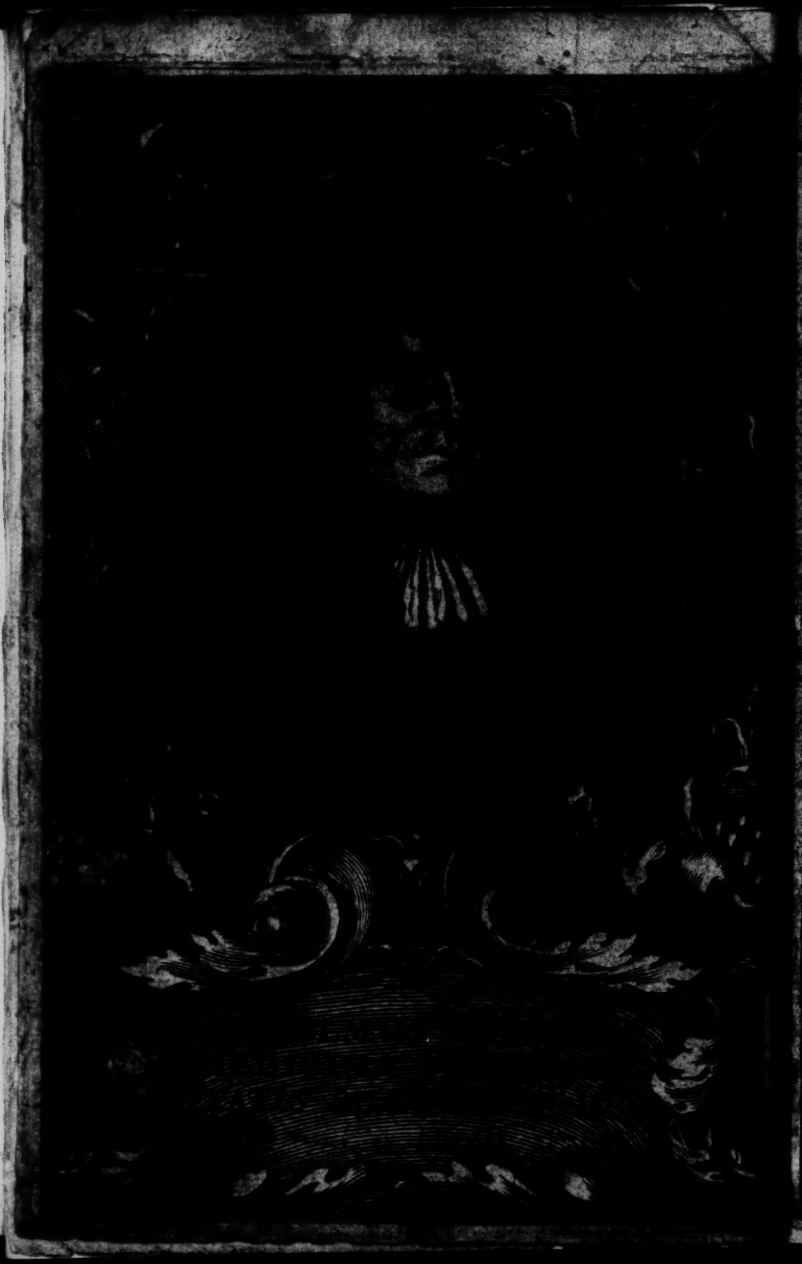




Doron Medicum:

OR, A

Supplement

TO THE NEW

London Dispensatory.

In III. BOOKS.

Containing a Supplement

I. *To the* Materia Medica.

II. *To the Internal Compound Medicaments.*

III. *To the External Compound Medicaments.*

COMPLEATED

With the ART of Compounding Medicines; Observations and Exemplifications Chymical: An IDEA of the Process of the universal Medicine of *Paracelsus*, taken from an Original Manuscript: Together with many *Secrets* of the Medical Art, not [illegible] known, some of them gathered out of the Manuscripts of Famous Men, not yet Printed: Some the Gleanings out of the vast Printed Volumns of Medical Authors, Others of them Communicated by several Worthy and Learned Men, of profound Parts, universal Scholars, and Professors of this ART.

By *WILLIAM SALMON*, Professor of Physick.

London, Printed for *T. Dawks*, *T. Bassett*, *J. Wright*, and *R. Chiswell*. Sold by *T. Passinger*, and *T. Sawbridge*. 1684.

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C. l.

THE

PREFACE.

IN Our Translation of the *London Dispensatory*, we did intend to Compleat that Book, with all such necessary Additions as the *Modern* way of *Practising* requires; but finding the Book to swell beyond its designed Limits; whereby, had I done, what I first designed, it would not only have been very Cumbersom, but also past the possibility of being bound up in *one Volumn*, I was necessitated to cut off much of the matter; and so much the more, for as much, as that it was in great hast of coming forth, and designed to be Sold at an easy price.

II. But that the *first Design* should not totally fall to the ground, I have reduced the *Surplusage* of what the former could not receive into the following Method; and in the two last Books, the Titles of the Chapters both in the *Dispensatory*, and in the *Supplement* Answer one another, the latter *containing* only what the former *wants*.

III. This VVork we have divided into *three Books*; the I. Book is a Supplement to the *Materia Medica*, containing, as well as particular Additions, a Syſtem of the general Notions, relating to the Practical uſe of the ſame; wherein among other things, we have compleatly handled the *Compoſition of Medicines*, both *Medically* and *Mathematically*; as alſo given you a ſpecial abſtract of *Chymical Preparation*, directed to the moſt uſeful things in particular. The II. Book contains a *Supplement* to the *Internal Compound Medicaments*. The III. Book contains a *Supplement* to the *External Compound Medicaments*, all Claſſically anſwering to thoſe in the *Diſpenſatory*.

IV. In this Tract, as you will find the *Art* of *Chymiſtry* Exemplifi'd, together with an *Idea* of the proceſs of the univerſal Medicine of *Paracelſus*; ſo alſo you will find many other rare Secrets of the *Medical Art*, not yet vulgarly known to the VVorld; attained to by much *Labour*, *Pains*, *Care*, and *Induſtry*, not only of the Author, but alſo of ſeveral other *Worthy and Learned Men*, *who were perſons of great Underſtanding*, *men of profound parts*, *Univerſal Scholars*, *practically Experienced*, *Exemplars of Piety*, *and Profeſſors of theſe Arts*.

V. Many very ſimple Preparations, and mean Compoſitions you may alſo here find; which for the poorneſs of the matter, at firſt ſight may be ſlighted; but in thoſe low things by us ſo much

much commended, we have found ſomtimes much more Power and Virtue than in many others of greater Name and Fame, which for their numerous Ingredients, difficulty of Preparation and high priz'd Value, have made a great noiſe in the VVorld.

VI. However the Book may be worth what you may give for it, if it be but for the Preparation of the ſeven following things; *viz.* 1. Our *Guttæ Vitæ*, or Cordial Drops. 2. Our *Family Pills* both with and without Aloes. 3. Our *Royal* and *Bezoartick ſtone*. 4. Our *Electuarium ad Tabidos*. 5. Our *Balſamum Artificiale*. 6. Our *Regulata*, or Ey-Water, than which, without doubt nothing is more excellent of that kind. 7. Our *Emplaſtrum Arthriticum*, Or Gout Emplaſter.

VII. The *Compoſitions* and *Preparations* of all theſe things, we have very faithfully diſcovered; except one Ingredient in Our *Guttæ Vitæ*, wherein the chief excellency of the whole Compoſition conſiſts, and without which it has not the quarter part of its Force and Virtues: this thing we thought good to keep in Our own Breſt for a ſeaſon, yet ſo as we ſhall not be unwilling to Communicate it to any VVorthy and Ingenious perſon requeſting it of us, of whom we ſhall be perſwaded the republick may be ſerved, and the Author himſelf not abus'd for ſuch his good will,

nor the Secret, be unſeaſonably divulged to ingrateful and unworthy Minds.

VIII. To Conclude, (*Lovers of Art*) as I have begun, ſo I hope I ſhall continue in this good Work (through the Aſſiſtance of the Divine help) *till I have happily rendred the whole Body of Phyſick, (compleat in all its parts) in the Engliſh Tongue*; which I know no *good Man* can be Angery at: and as for *evil Men*, as it is not my deſign or deſire to pleaſe them, ſo I value them not, their Flateries or Detraction being of equal eſtimation with Me: Mean ſeaſon, my Advice to Thee is, *That as Thou art a Lover of Art, in the firſt place, be a Lover of God; who, as he is the only fountain of Wiſdom, can only make Thee truly Wiſe: keep a good Conſcience in this untoward Generation; and whatſoever Men may ſay of Thee, be ſure to let Thy Words be few, and Thy Converſation modeſt; and let Thy Actions beſpeak Thee Juſt and Honeſt, ſo will the Bleſſings of him who dwelt in the Buſh, deſcend upon Thee, and as a Wall of Fire, ſurround and preſerve Thee, (in ſpite of what Envy or Malice can do) till he Adds to Thy future Happineſs, a Crown of Eternal Glory.*

From my Houſe at the *Blew Ball* in *Shoe-lane*, *London*, *November* 18. 1682.

W. SALMON.

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Errata ſic Emendenda.

Page 21. c 2. l 18. *Read* Xylobalſamum. p. 21. c 2. l 23. r. Xylobalſamum. p. 32. c 1. l 12. r. Wild Gourd. p. 62. c 2. l 3. r. or cold. p. 66. c 1. l 1. r. 14. Diaphor. p. 112. c 1. l 15. r. give it the. p. 113. c 2. l 19. r. Vinegar. A. ℥ij. p. 114. c 1. l 32. r. ab ℥xij. p. 129. c 2. l 15. r. degree of. p. 131. in the Scheam after 5. r. 9, 7, 6, 4, 3, 2. p. 132. in the Scheam 22. 81. r. 22. 72. p. 133. c 1. l ult. r. ſo the part. p. 364. c 1. l 3. r. counted. p. 229. c 1. l 15. r. long. p. 229. c 1. l 19. r. ſits ſpirit. p. 240. c 1. l 3. r. roots ℥vj. p. 260. c 1. l 2. r. of Epſom Water. p. 304. c 1. l ult. r. Flower of Braſs. p 345. c 2. l 28. r. Cap. 25. Sect. p. 347. c 2. l 21. r. Aqua Amaraci. p. 391. c 1. l 39. r. de Evonymo. p. 392. c 1. l 7. r. Odontalgicum. p. 432. c 2. l 33. r. 38. Quintæ. p. 434. c 2. l 20. r. 59. Quinta. p. 463. c 1. l 20. r. Extract ℥ij. p. 471. c 2. l 8. r. 15. Extractum. p. 471. c 2. l ult. r. Glare. p. 496. c 1. l 13. r. jv. in ſome. p. 514. c 1. l 29. r. in a very great. p. 533. c 1. l 28. r. 2. Acetum Scordij. p. 536. c 1. l 21. r. Cap. 15. Sect. p. 542. c 2. l. 7. r. Veſicæ Ulcera. p. 556. c 2. l 11. r. Savin. A. ℥ij. p. 575. c 2. l 5. r. 13. Tabullæ. p. 609. c 2. l 17. r. Diaſcordium. p. 619. c 2. l 27. r. Pectorale. p. 625. c 1. l 3. r. Camphir ℥j. p. 624. c 2. l 24. r. provoke. p. 643. c 2. l 10. r. Williſij. p. 648. c 1. l 22. r. Martis ℔j ſs. p. 649. c 1. l 9. r. Metaline. p. 652. c 1. l 8. r. pithema. p. 688. c 1. l 30. blot out [always.]

A Catalogue of Medicaments Sold by the Author: and the Page in Our *Dispensatory* or *Doron* where they are to be found, together with their certain Prizes by the Ounce.

	ß.	d.
Waters.		
†*Aquæ Ophthalmicæ Nostræ*, p. 721 *a*	1	0
†*Aquæ Benedictæ Rulandi*, p. 391 *b*	0	4
Aquæ Mirabilis, p. 446 *b*	0	4
Aquæ Cœlestis, p. 447 *b*	1	0
Aquæ Cinnamomi, p. 451 *a*	0	4
†Queen of *Hungaries* Water, *Doron*	0	8
Spiries.		
Spiritus Vitæ Aureus Rulandi, p. 320 *a*	0	6
†*Spiritus Diapente*, p. 461 *a*	2	6
Spirit of Wormwood, p. 439 *a*	0	6
Spirit of Scurvy-Grass, *Doron*	0	8
Spirit of Saffron, *Doron*	1	6
Spirit of Limon, *Doron*	1	0
Spirit of Castor, p. 441 *b*	1	6
†Spirit of Harts-horn, *Doron*	1	6
Spirit of Guajacum, p. 468 *a b*	0	8
Spirit of Rosemary, *Doron*	1	0
Spirit of Angelica, p. 440 *a*	0	6
Spiritus Carminativus, Doron	0	8
Spiritus ex Tribus, Doron	1	0
Spirit of Turpentine, p. 471 *a b*	0	6
†Spirit of Sal Armoniack, p. 395 *b*	2	6
Spirit of Vitriol Vulnerary, p. 380 *b*	0	8
Spirit of Vitriol of *Pennottus*, p. 381 *b*	1	6
Spirit of Sulphur Vulnerary, p. 394 *a*	0	8
Panacea Paracelsi, p. 460 *b*	2	6
Oyls.		
Oyl of Wormwood, p. 464 *a b*	3	0
Oyl of Carraways, p. 465 *b*	2	6
Oyl of Juniper-Berries, p. 470 *a*	3	6
†Oyl of Wax, p. 256 *b*, 472 *b*	1	6
Oyl of Philosophers, p. 474 *a*	1	0
Oyl of Rosemary, *Doron*	4	0
Oyl of Sassafras, p. 467 *b*	5	0
†Oyl of Amber, p. 401 *b*, 474 *b*	2	0
Oyl of Sulphur, p. 392 *a*	2	0
Oyl of Vitriol, p. 378 *b*	0	9
†Oyl of Tartar *per diliquium*, p. 177 *a*	0	9
Oyl of Sulphur red, p. 393 *b*	2	6
Oyl of Mercury white, p. 298 *b*	10	0

	ß.	d.
Balsams.		
†Balsam of Sulphur Anisated, *p.* 390 *b*	5	0
Balsamum Nervinum Schroderi, *p.* 483 *b*	3	0
Essence.		
Essence of Camphir, *p.* 160 *b*	2	0
Potestates or *Powers*, commonly called Quintessences.		
†Powers of Amber, *Doron*	1	0
Powers of Angelica, *Doron*	2	0
†Powers of Aniseeds, *p.* 488 *b*	1	0
Powers of Bay-Berries, *Doron*	2	0
†Powers of Cloves, *p.* 493 *b*	2	0
Potestates Cranij Humani, Doron	10	0
†Powers of Carraways, *Doron*	1	0
Powers of Citron Peels, *Doron*	2	0
Powers of Camomil, *Doron*	2	0
†Powers of Fennel-seed, *Doron*	2	0
Powers of Guajacum, *Doron*	2	0
Powers of Harts-Horn, *p.* 505 *a*	3	0
†Powers of Juniper-Berries, *Doron*	1	0
†Powers of Limons, *Doron*	1	0
Powers of Lavender, *Doron*	1	0
Powers of Mint, *p.* 501 *a*	2	0
†Powers of Myrrh, *p.* 500 *a*	2	0
Powers of Mercury, *p.* 501 *a*	12	0
Powers of Marjoram, *Doron*	3	0
†Powers of Oranges, *Doron*	1	0
Powers of Penny-Royal, *Doron*	2	0
†Powers of Rosemary, *Doron*	2	0
†Powers of *Rhodium*, Doron	3	0
†Powers of Sassafras, *Doron*	2	0
†Powers of Savin, *Doron*	2	0
†Powers of Sage, *Doron*	3	0
†Powers of Turpentine, *Doron*	1	0
†Powers of Virtues, *p.* 510 *b*	2	0
†Powers of Wax, *Doron*	1	0
†Powers of Wormwood, *Doron*	1	0
Elixirs.		
†*Elixir Subtilitatis Paracelsi*, Doron	6	0
†*Elixir Proprietatis Paracelsi*, *p.* 511 *a*	2	0
Elixir Sulphuris, *p.* 517 *a*	2	0
Elixir of Juniper-Berries, *p.* 517 *b*	2	0
†*Elixir Vitæ Nost.* Doron	2	0
†*Elixir Purgans Panchymag.* *p.* 512 *b*	1	0
Elixir of Camphir, *p.* 514 *a*	0	3
†*Elixir Nephriticum*, *p.* 514 *a*	0	3
†*Elixir Paralyticum*, *p.* 517 *a*	3	0

Elix-

	s.	d.
Elixir Suffocatione Matricis, p. 516 b	1	6
†*Elixir Aliterium*, Doron	2	9
Elixir Stomachicum, Doron	2	0
Elixir Hystericum, Doron	2	6
Elixir Vitrioli, p. 516 a	1	0
†Elixir of Bay-Berries, *Doron*	2	6
†Elixir of Wormwood, *Doron*	1	9
†Elixir of Bawm, *Doron*	2	6
Elixir of Mint, *Doron*	2	0
†Elixir of Sage, *Doron*	3	6
†Elixir of Rosemary, *Doron*	2	6
Elixir of Limon Peels, *Doron*	2	0
Elixir of Lavender, *Doron*	2	6
Elixir of Caraways, *Doron*	1	6
†Elixir of Castor, *Doron*	2	6
†Elixir of Contra-Yerva, *Doron*	1	6
Tinctures.		
Tincture of Antimony, *p. 321 a*	4	0
Tincture of Benjamin, *p. 158 b*	0	8
Tincture of Saffron, *p. 120 b, 518 a*	0	8
Tincture of Castor, *p. 518 a*	1	0
Tincture of Cinnamon, *p. 519 a*	1	6
†Tincture of Our Family Pills, *Doron*	0	6
Tinctura Vitæ Nostra, Doron	0	8
†*Tinctura Cathartica Clossæi, p. 519 b*	0	8
†*Tinctura Catholica Grulingij, p. 524 b*	0	6
Tinctura Cholagoga, p. 525 a	0	6
Tinctura Melanagoga, p. 525 a	0	6
Tinctura Cardiaca, Doron	0	6
Tinctura Hysterica Nost. Doron	0	8
Tinctura Nephritica N st. Doron	0	6
Tinctura Diaphoretica cum Opio Doron	1	0
Tinctura Cathartica Magistralis, Doron	1	0
Tinctura Piperis Nigri, Doron	0	6
Tinctura ex tribus, Doron.	0	6
Extracts.		
Benchymagoga. Vegetabile, Doron	3	6
Laudanum Paracelsi, Doron	12	0
Laudanum Nostrum, p. 689 a	20	0
†*Extractum Opij Anodynum. p. 534 b*	1	6
Magisteries.		
Turpethum Minerale, p. 310 b	3	0
†*Turpethum Minerale verum p. 312 b*	10	0
White Precipitate, *p. 304 a*	3	6
Mercurius Vitæ, p. 300 b	4	0

Be-

Doron Medicum.

A SUPPLEMENT TO THE New *London Dispensatory.*

LIBER PRIMUS.

CHAP. I.

Of Primary Alteratives.

1. *Abrotonum*, Ἀβρότονον, Southernwood (hot & dry in 3 *d.*) cuts, opens, resists poyson, is diuretick; the Seed is a good Pectoral, and helps shortness of Breath. It is twofold, either Male, called Ἀβρότονον ἄρρεν, *Abrotonum mas*; or Female, called Ἀβρότονον θῆλυ, *Abrotonum fœmina*, which is the greater Southernwood.

2. *Absinthium*, Ἀψίνθιον, Wormwood, (*h. d.* 2.) heats, opens Obstructions of the Liver and Spleen, kills Worms: it is also called Βαθύπικρον, from it's Bitterness. It is of three sorts. 1. The common. 2. Ἀψίνθιον ποντικὸν, *Pontick*, or *Roman*. 3. Ἀψίνθιον θαλάσσιον, καὶ Σηριφον, *Sea wormwood*.

3. *Acetosa*, Ὀξαλὶς, Sorrel, (*c. d.* 2.) *Acetosella*, *Lujula* Ὀξυτρίφυλλον, Wood-Sorrel; they both abate the violent heat of Fevers, and their Seed is good against both

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Flux and Bloody Flux: Wood-Sorrel is prevalent againſt the Plague.

4. *Adianthum*, Ἀδιάντον, Maidenhair, (*temp.*) opens Obſtructions of the Lungs, provokes Urine, breaks the Stone, cures Coughs and Aſthmas. There are three ſorts of it, 1. Ἀδιάντον, *Capillus Veneris Vulgaris*, 2. Καλλιτρίχον, *Polytrichon aureum*. 3. τριχομανὲς, *Trichomanes, ſicidula Capillaris*, red Maidenhair.

5. *Agalochum*, Ξυλαλόη, Wood of Aloes, (*b. 2. d. 2.*) comforts the Brain, cureth ſwooning Fits, kills Worms, ſtrengthens the Heart, and is an excellent Perfume. *Pharm. lib. 1. cap. 3. Sect. 2.*

6. *Ageratum*, Ἀγήρατον, Maudlin, (*b. d. 2.*) it is laxative, opens the Spleen, and reſiſts Putrefaction. The Eſſence cures the Griping of the Guts, the Cholick, and Bloody-Flux, ſtrengthens the Brain, and ſtops Catarrhs. This is *Eupatorium Meſues*, Garden *Coſtus*.

7. *Agnus Caſtus*, *Vitex*, *Salix marina*, Ἄγνος, Chaſte tree, (*b. d. 3.*) the Seed heats greatly, ſtops the Courſes, and reſtrains Luſt; it allayes the Fury of the Womb, expells Wind, opens and cures hardneſs of the Liver and Spleen, prevails againſt the Bitings of Venomous Beaſts. It is ſaid to be a Specifick againſt Hardneſs, Scirrhus, Apoſtemations, and Ulcers of the Womb, Teſticles and Genitals.

8. *Agrimonia*, *Eupatorium Græcorum*, Εὐπατώριον, Agrimony, (*temp.*) it nobly opens the Liver and Spleen, cures the Cachexia & Tertians, and is an excellent Vulnerary. There are two kinds, 1. The True, which is what we have now named. 2. The Baſtard, called *Eupatorium Aquaticum*, *Cannabinum*, or *Adulterinum*, which is both Male and Female.

9. *Alchimilla*, *Stellaria*, Δροσέρα, Δροσόλιον λεπτόν, Ladies Mantle, great Sanicle, (*temp. d. 1.*) it is a moſt noble Wound-herb, cures Ulcers and Phlegmons.

10. *Alkagengi*, Ἀλικακάβον, Winter Cherries, (*c. d. 2.*) provoke Urine, break the Stone, help the Yellow Jaundies.

11. *Al-*

11. *Alkermes*, Ἀκρόδρυα ὑπνὸς, the Berry Kermes, (*h. d.* 1.) reſiſts Poyſon, comforts the Heart, and is good againſt the Plague.

12. *Allium*, *Scorodon*, Σκόροδον, Garlick, (*h. d.* 4.) reſiſts Poyſon, expells Wind, provokes Urine.

13. *Alliaria*, Σκόροδον ἄγριον, Sawce alone, or Jack by the Hedge, (*h. d.* 2.) It is uſed for Sawces for Meat, inſtead of the former. See our *Pharm. lib.* 1. *cap.* 2. *Sect.* 22. There is alſo another, called Σκορόδοπράσσιον, *Scorodoprafſium*, *Allium Urſinum*, Great Mountain Garlick.

14. *Apium*, Σέλινον, Parſly, (*h.* 2. *d.* 3.) The Root and Seed opens, provokes Urine, the Courſes, and the Stone. Here we may add, 1. Ἱππομάραθρον, ἢ σμύρνιον, καὶ ἀγριοσέλινον, *Oluſatrum*, *Apium Syl-veſtre*, Horſe Parſley, or *Alexander's*, ſee it in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 303. 2. Ὀρεοσέλινον, *Oreoſelinum*, *Apium Montanum*, Mountain Parſley.

15. *Argentina*, *Potentilla*, Ἀθανασία ὑλόσσα, Wild-tanſie or Silver-weed, (*c.* 1. *d.* 2.) it ſtops all Fluxes whatſoever, yet is ſaid to expell the Stone.

16. *Auricula Muris*, *Piloſella*, Μυόσωτον, Mouſe Ear, (*h. d.* 2.) ſtops Fluxes and the Whites, helps Ruptures, and is a good Wound-herb: the Juyce drop'd into the Ears, eaſes the Pain of them, and cleanſes them from all Filth and Corruption; the Eſſence cleanſes the Blood, and cures Inflamations of the Eyes. To this you may add, μυὸς οὐρὰ, ἢ μυόσωρος, *Cauda Murina*, *Cauda Muris*, Mouſe-Tail, Blood-ſtrang; ſee it in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 141.

17. *Betonica*, Κέστρον, *Betony*, (*h. d.* 2.) It is a Wound-herb, comforts the Brain, helps Convulſions, provokes Urine: The Eſſence is good againſt the Falling-ſickneſs, Palſie, dead Palſie, Vertigo, Megrim, Diſtempers of the Womb, Obſtructions of the Kidneys and Bladder, biting of venomous Creatures, Poyſon, Plague, Inward Bruiſes, Spitting of Blood, Phthyſick, Conſumption, Cough, Head-ach, Frenſie, Madneſs

Illneſs and Pain of the Stomach, want of Digeſtion and Vomiting.

18. *Betonica aquatica*, Κλύμενον, Water Betony: See it in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 91.

19. *Bugloſſa*, Βυλλωσσον, Bugloſs, (*temp. m.* 2.) It has the ſame Virtues with Borrage. Here add, 1. Ἔχιον, ἢ Ἀλκιβιάδιον, ἢ ἀηριόριζον ἐχιόδιον, *Echium, Echion Alcibiadion, Bugloſſa Viperina*, Vipers Bugloſs. 2. Λύκαψις, *Lycopſis*, *Bugloſſus Longifolia*, which ſee in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 223 and 382.

20. *Cardamomum*, *Grana Paradiſi*, Καρδαμώμον, Cardamoms, or Grains of Paradiſe, (*h. d.* 3.) they both expell Wind, cleanſe the Head and Stomach, provoke Urine, break the Stone, reſiſt Poyſon, kill Worms, cure Agues, and the Epilepſie, provoke the Terms, cure the Cholick and Griping of the Guts, and warm a cold Head and Stomach; the *greater* (which are the *Grains of Paradiſe*) being infuſed in Wine or S. V. make the Infuſion ſmell perfectly like a Quince.

21. *Cardiaca*, Καρδιακὴ, Motherwort, (*h. d.* 2.) it is good in Swooning Fits, Mother, Convulſions, Palſies; kills Worms, provokes the Terms, Urine, and cauſes ſpeedy Delivery. *Dodonæus* ſaith, that bruiſed and laid upon Wounds, it keeps them both from Inflamation and Apoſtemation; It ſtops Blood, conglutinates, heals, and skins Sores. It is called *Sideritis prima*, being the firſt of the three kinds in Herbs called in Greek, Σιδηρίτιδες, and in Latine, *Sideritides*.

22. *Centaurium*, Κενταύριον, Centory, (*h. d.* 3.) it glews wounds, opens the Liver and Spleen, is good againſt the Scurvy, Jaundies, Gout, Worms, provokes Urine and the Terms; it cures Agues, Dropſies, Green-ſickneſs, Cholick: It is two-fold, 1. Κενταύριον τὸ μέγα, *Centaurium magnum*, Centory the greater, 2. Κενταύριον τὸ μικρὸν, Cen-

Centaurium minus, Centory the leſſer; the Virtues of both little differ, but the leſſer is accounted the more effectual, the greater is a Febrifuge, good againſt Ruptures and ſpitting of Blood, Coughs and Aſthmas; it provokes the Terms, and expells the dead Child; outwardly it conglutinates and heals all Green Wounds. The leſſer is ſaid to be very good againſt the Sciatica, expelling groſs Cholerick and Flegmatick Humours downwards: The Juyce mix'd with Honey, and put into the Eyes, clears the Sight, and helps it of all manner of Defects, for which, eſteem it as a Jewel. It's other Vertues ſee in our *Pharm. Lond. lib.* 1. *cap.* 4. *Sect.* 143.

23. *Cepa*, Κρόμμυον, Onion, (*h. d.* 4.) the root roſted heals the Lungs, and a Cough, expells Poyſon; outwardly applied, they eaſe the Gout: ſliced and infuſed all night in Rheniſh Wine, and drunk the next Morning, gives infallible eaſe in the Stone, and removes all Stopages of Urine. Here add, Σκίλλα, *Scilla*, *Squilla*, the Squil, or Sea Onion, which ſee in our *Pharm. lib.* 1. *cap.* 1. *Sect.* 126.

24. *Cerefolium*, Καιρέφυλλον, Chervil, (*h. d.* 1.) expells Wind, provokes Urine, and the Stone. Here add, Γιγγίδιον, *Gingidium*, *Lepidion*, Tooth-pick Chervil, which ſee in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 278.

25. *Chamedrys*, Καμαίδρυς, Germander, (*h. d.* 2.) it opens the Liver and Spleen, provokes Urine and the Terms. There is another called τεύκριον, καὶ τεύκρις, *Teucrium*, Wild or Great Germander: it has the Virtues of the former, beſides which, it is a Specifick againſt Pains and Swellings of the Spleen, and bitings of venomous Creatures.

26. *Chamepitys*, Χαμαιπίτυς, Ground pine, (*h.* 2. *d.* 3.) it opens the Liver and Spleen, cures the Jaundies, Mother, Epilepſie, and Dropſie, provokes Urine and the Terms, ſtrengthens Nature, cleanſes the Blood. The Juyce

mix'd with Mead, and drunk for forty days together, is a Specifick in the Cure of the Gout and Sciatica; (whence it was called *Iva Arthritica*, Gout Ivy) alſo, the Juyce mix'd with Honey, and applied, heals green Wounds, old and corrupt Ulcers, ſoftens and diſſolves the Hardneſs in Womens Breaſts, and cures the biting of Serpents, and other venomous Beaſts.

27. *China* Χιναία, the root China, (*b. d.* 1.) it is ſudorifick, and diuretick, opens the Spleen, and drys much.

28. *Cichoreum*, *Solſequium*, *Cariola*, Κιχώριον, Σέρις, Cichory, (*c. d.* 2.) it opens Obſtructions of the Liver, and is Antiſebritick. To this add, Κονδρίλλη, *Condrilla*, *Seris*, Gum Succory: the Juyce thereof ſtops Fluxes, and is good againſt the biting of venomous Beaſts and Serpents. The Seed ſtrengthens the Stomach, and cauſeth Digeſtion. See it in our *Pharm. Lond. lib.* 1. *cap.* 4. *Sect.* 159.

29. *Conſolida Major*, *Symphyton*, Σύμφυτον, Comfry, (*c. d.* 3.) it is a Wound-herb, ſtops ſpitting of Blood, and Fluxes. Here to add, 1. Δελφίνιον, *Conſolida Regalis*, *Delphinium*, King's conſound, or Larks-Spur. 2. Δελφίνιον ἕτερον, *Delphinium alterum*; Βυκίνος, *Bucinum*, Wild King's conſound, or Larks Spur. See our *Pharm. lib.* 1. *cap.* 4. *Sect.* 174.

30. *Corylus*, Λεπτοκαρύα, the Haſle tree, (*temp. d.* 1.) the Nut opens the Stomach, the Oyl of the Wood cures the Epilepſie, Tooth-ach, and all other pains. The Nut is called, Κάρυον ποντικὸν, καὶ λεπτοκάρυον, *Nux pontica*, *nux Avellana*, *nux Heracleotica*.

31. *Cuminum*, Κύμινον, Cumin, (*b. d.* 3.) The Seed expells Wind, eaſes the Cholick and Head-ach, provokes Urine, diſcuſſes Tumors. There is another ſort of Cumin, called Μελάνθιον, *Nigella*, Gith, or black Cumin, which is three-fold, Gar-

Garden, Wild, and Damask. See it in our *Pharm. lib.* 1. *cap.* 7. *Sect.* 97.

32. *Daucus*, Δαῦκος, Wild Carot, (*h. d.* 2.) the Seed opens and expells Wind, provokes Urine, helps Fits of the Mother. To this, add Καυκαλὶς, καὶ δαύκου ἄγριου, *Caucalis*, Hedge, or Baſtard Parſly. See our *Pharm. Lond. lib.* 1. *cap.* 4. *Sect.* 140.

33. *Dracunculus*, Δρακόντιον, Dragons, (*h. d.* 4.) the Root expells Poyſon, Stone, and Urine; it is hotter and ſharper than *Aron*. There are three ſorts of Dragons, or Dragon-worts, *viz.* 1. Δρακοντία μεγάλη, *Dracuntium*, *Dracunculus major*, *Serpentaria major*, the greater Dragons. 2. Δρακόντιον μικρὸν, *Dracunculus minor*, *Arum maculatum*, the leſſer Dragons. 3. Δρακόντιον ὑδρον, *Dracunculus Paluſtris*, *vel aquatilis*, Water Dragons. They are all much of one Vertue and Power, the roots of which, ſee in our *Pharm. lib.* 1. *cap.* 1. *Sect.* 58. Beſides which, boyled and roſted, and made into an Electuary with Honey, they help Aſthma's and ſhortneſs of Breath, Coughs and Catarrhs; for they maturate, divide, and conſume all groſs, tough, and flegmatick Humours: if you boyl them about three times in three ſeveral Waters, you may uſe them as Garlick, for Sawce, as *Galen* ſaith. Their Fruit cures virulent and malignant Ulcers, conſumes and eats away ſuperfluous Fleſh, prevails againſt *Polypus*, Cankers, and other fretting and corroding Ulcers.

34. *Eryngium*, Ἐρυγγιον, Eryngo, or Sea Holly (*h. d.* 1.) the Root cleanſes the Reins, provokes Urine and the Courſes, opens the Spleen. There is alſo πολυκνήθου, καὶ Ἐρυγγιον τριφυλλον, *Eryngium Trifolium*, Trefoil Thiſtle, which ſee in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 238.

35. *Faba*, Κύαμος, φακὸς, Beans, (*c. d.* 1.) the Meal is diſcuſſive in Tumors,

abates Inflamations, and helps the King's Evil. The great Garden kind are called *Phaſelus major, vel Sativus*; the ſmall Field kind, *Phaſelus minor, vel Sylveſtris*, Horſe or Field Beans.

36. *Faba*, Τηλέφιον, *Craſſula, portulaca Sylveſtris*, Orpine, (*c. d.* 2.) It is a good Wound-herb, ſtops Fluxes, is good in Ruptures, heals Diſtillations into the Throat; made into a Syrup, with Honey, it cures Ulcers in the Lungs: applyed, it eaſes the Gout.

37. *Ficus*, Συκὴ, the Fig-tree, (*h. d.* 1.) the Figs open the Lungs, help Coughs, ripen peſtilential Tumors. The Fig-tree is either Συκὴ ἥμερος, *Ficus ſativa*, the Garden Figtree, or Συκὴ ἀγρία, ἢ ἐρινεός, *Ficus Sylveſtris, Caprificus*, the wild Fig-tree. The Fruit is called Σῦκον, *Ficus*, a Fig: before it is ripe, it is called Ὄλυνθος, *Groſſus*, unripe: when it is ripe and dry, it is called Ἰσχὰς, *Carica*, a dry Fig; but Καρυὴ in Greek, is properly the *Syrian Fig*.

38. *Fœniculum*, Μάραθρον, Fennel (*h.* 2. *d.* 1.) it opens, and expells Wind, provokes Urine, comforts the Sight, encreaſes Milk. There are two ſorts of Fennel, Garden and Wild. The Eſſence of the Garden is good againſt the ſtinging of Scorpions, and other poyſonous Creatures, opens all ſorts of Obſtructions, and prevails againſt an Eryſipelas: uſed in a Collyrium, it prevails againſt all Diſeaſes of the Eyes. The wild Fennel is called ὑπομαραθρον, *Fœniculum erraticum*, wild, great, or Horſe Fennel, and has the Vertues of the former.

39. *Flos ſolis*, Χρυσάνθεμον, *Corona ſolis*, Sun Flower, (*temp.*) the Heads before they are flowred, are as good food as Artichoaks. See our *Pharm. lib.* 1. *cap.* 4. *Sect.* 255.

40. *Fraxinus, Ornus*, Μελία, the Aſh tree, (*temp. d.* 2.) the Leaves, Bark, and Keys, open the Liver and Spleen, provoke Urine, reſiſt Poyſon.

ſon. The Aſh is either manured or wild. The Decoction of the Manured opens the Liver and Spleen, cures the Rickets: the Eſſence being daily given, cures ſuch as grow exceeding fat and groſs, like Monſters. The Powder of four of the leaves given every day in Rheniſh Wine, do the ſame. *A lixivium* of the Aſhes of the Wood cures Scurf, morphew, and Roughneſs of the Skin. The wild Aſh is called Βυμελέα, *Fraxinus Bubula, Ornus, Fraxinus Sylveſtris, & ſorbus aucuparia*, becauſe it bears Berries. The Leaves are aperative, and good againſt the Dropſie and Pleuriſie.

41. *Fumaria*, Κάπνος, Fumitory, (*c. d.* 1.) it opens the Liver and Spleen, cleanſes the Body of Salt Humours, cures the Jaundice, Itch, and Scabs.

42. *Fumaria bulboſa, ariſtolochia munda*, Ἀγριολόχια τερεσύλη, Bulbous or Onion Fumitory, (*b.* 2. *d.* 3.) the Root opens, provokes Urine, Courſes, dead Child, cures the Jaundies and Gout.

43. *Galega, Ruta Capraria, Fœnugrecum ſylveſtre*, Goats Rue, (*temp.*) it opens, cures the Vertigo, and Fits of the Mother, reſiſts Poyſon, kills Worms, cures the Plague, Epilepſie, and Cholick.

44. *Gentiana*, Γεντιανή, Βασιλίτα, Gentian, (*b. d.* 3.) the Root reſiſts Poyſon and Plague, opens Obſtructions of the Liver, Spleen, and Womb.

45. *Gramen*, Ἄγρωστις, ἢ πόα, Graſs, (*temp.*) it opens Obſtructions, cleanſes and provokes Urine. The Roots boyled in Wine and drunk, are good againſt the Cholick, help the Stranguria, and expell Gravel: the whole herb bruiſed and applied, ſtops bleeding and heals green wounds.

46. *Horminum*, Ὅρμινον, *Clary*, (*b. d.* 3.) it diſcuſſes, ſtrengthens and binds. There is alſo Ὅρμινον ἄγριον, *Oculus Chriſti*; *Geminalis*, wild Clary; it has the ſame Ver-

Vertues with the former, the Seed is excellent to clear the Eye-ſight.

47. *Hyoſcyamus*, Ὑοσκύαμος, Henbane, (*c.* 4. *d.* 1.) It is narcotick, cures the Gout. Outwardly it is a good Wound-herb; the Seed is a Specifick in the *Diabetes* and Incontinency of Urine. According to the Age of the Perſon, you may give it from ℈j *ad* ʒij. I know one that has given it to half an ounce three or four days together, and all the Inconveniency he ever found by it, was, that it made the Patient as if he was drunk, without any other ill Symptom: he always gave the Seed whole, but I believe, half the quantity may have as great Force being bruiſed.

48. *Hyoſcyamus Luteus*, Ὑοσκύαμος μελίνος, Yellow Henbane, or *Engliſh* Tobacco. See it in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 310.

49. *Jacea*, *Stœbe*, Φλόξ, Silver knap-weed, (*h. d.* 3.) it is a kind of Hearts Eaſe. Sudorifick, a wound-herb, and cures Scabs and Itch. There is another ſort, called ψώρα, *Jacea Nigra*, *Materſilon*, black Knap-weed, being a kind of Scabious. See them in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 313. & 399.

50. *Lactuca*, Θρίδαξ, Lettice, (*c.* 3. *d* 1.) the Seed and Leaves cauſe Sleep, eaſe Pain, ſtop a Gonorrhæa. Here add, 1. Θρίδαξ ἄγρια, *Pherumbrum*, *Lactuca ſylveſtris*, Wild Lettice; this is the Herb which the *Iſraelites* did eat with their Paſſover-Lamb. 2. Θρίδαξ ἄρνεια, *Lactuca Agnina*, Lambs Lettice. See them in *Pharm. lib.* 1. *cap.* 4. *Sect.* 333. 334.

51. *Lampſane*, Λαμψάνη, *Napium*, Charlock, Dock creſs. See it *Pharm. lib.* 1. *cap.* 4. *Sect.* 336; 560.

52. *Lavendula*, Ψευδονάρδος, Lavender, Baſtard Spicknard, (*h. d.* 3.) it cures the Palſie, Falling-ſickneſs, Convulſions, Swooning, Cholick, Dyſentery, Strangury, kills Worms, expells Melancholy, comforts and ſtrengthens the Head, Nerves, Heart, Liver, and Spleen.

It

It provokes the Terms, and brings away the dead Child and afterbirth. The Flowers are good againſt the Palpitation of the Heart, Vertigo and Apoplexy. To this add Χαμαιαχυπάρισσος, *Chamæcypariſſos*, Lavender-cotten, ſee it in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 205.

53. *Laurus*, Δάφνη, Baytree, (*b. d.* 3.) the Berries provoke Urine, eaſe Pain, expell Wind, reſiſt Poyſon, cure the Palſie. Here add, 1. Δάφνη ἄγρια, *Laurus ſtinus*, Wild Bay. 2. Νήριον, ῥοδοδάφνη, ἢ ῥοδόδενδρον, *Laurus Roſea*, *Oleander*, Roſe-bay. See them in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 346. & 442.

54. *Lens*, Φακὸς, Φακὴ, Lentils, (*temp. d.* 2.) the Meal ripens and cleanſes Tumours, and is good for green Wounds. Here add, Ὑδρόφακος, *Lenticula Marina*, Sea or Water Lentils.

55. *Leviſticum*, *Liguſticum*, Λιγυστικὸν, Λιβυστικὸν, Lovage, (*h. d.* 3.) the Leavs and Roots expell Wind, provoke Urine, and the Courſes powerfully, reſiſt Fits of the Mother, and ſwelling of the Stomach, expell the dead Child, eaſe Pain, cure Agues, green Wounds, Ulcers, &c. There is another called Λιγυστικὸν ἄγριον, *Siler Montanum*, Baſtard Lovage.

56. *Lilium*, Κρίνον, Lilly, (*h. d.* 1.) the Roots externally uſed, ripen, mollifie, ſoften, cure Burnings. There is alſo Κρίνον ἄγριον, *Lilium Sylveſtre*, called alſo, *Dens Caninus*, *Denticulus canis*, Dogstooth, or kind of wild Lilly. *Pharm. lib.* 1. *cap.* 4. *Sect.* 211.

57. *Lunaria*, Σεληνῖτις, Moonwort, (*c. d.* 1.) it heals green Wounds, and ſtops all Fluxes. There is alſo *Lunaria Latifolia*, Moon flower, or Money flower, a kind of *Thlaſpi*, called *Sinapi Perſicum*, and, of Dioſcorides, *Thlaſpia Cratevæ*. See our *Pharm. lib.* 1. *cap.* 4. *Sect.* 97.

58. *Malva*, Μαλάχη, Mallow, (*temp. m.* 1.) it ſoftens, relaxes, eaſes pains of the Stone both in the Reins

Reins and Bladder. There are four ſorts of Mallows commonly uſed. 1. The common aforeſaid. 2. Ἀλαθία, *Althæa*, Marſh-mallows, 3. Ἀλκέα, *Alcea*, *Herba Simeonis*, *Hungarica*, Vervain Mallow, which glews Wounds and Ruptures, and heals the bloody Flux. 4. Μαλάχη κητόυτη, *Malva arborea*, Holyock v. *Diſpenſ.*

59. *Malus*, *Pomus*, Μηλέα, Apple-tree, (*c. m.* 1.) the Fruit, chiefly Pippins, and Pearmains, are cordial, and good in Fevers. Here add Μύσα, *Muſa*, *Moſe*, *Adam*'s Apple; it is that of which they ſay *Adam* eat in Paradiſe.

60. *Malus Armeniaca*, Πραικόκκια, Apricock-tree. (leaves *c. d.* 1.) the Fruit (called μῆλεα ἀρμηνιακὴ, *Mala Armeniaca*, *Præcoccia* Apricocks) comfort a hot and dry Stomach and Liver.

61. *Malus Perſica*, Μῆλεα περσικὴ, Peach tree, (leaves *c. d.* 1.) the Fruit (called Μῆλον περσικὸν, *Malum Perſicum*, the Peach) cools the Stomach, and gently looſens the Belly.

62. *Marrubium*, Πεδίον, Horehound, (*h.* 2. *d.* 3.) it opens all manner of Obſtructions, cleanſes, is good againſt Ptiſicks, ſpitting of Blood, Ulcers in the Lungs. To this add 1. Βαλλατὴς, *Marrubiaſtrum*, *marrubium nigrum*, *vel fœtidum*, black or ſtinking Hore-hound. 2. Στάχυς, *Stachys*, *marrubium*, *Aquaticum*, Water Hore-hound.

63. *Melo*, Μῆλον, Melon, *Melopepo*, Μηλοπέπων, musk Melon, (*c.* 3. *m.* 2.) the Pulp of the Fruit abates Inflamations; the Seeds open, cleanſe and provoke Urine, are good againſt Coughs, Conſumptions, and Feavers. The Fruit is called πέπονες, καὶ σικυοπέπονες, Melons, Pompions, Pepones. The Pulp laid to hot and inflamed Eyes, and the Fore-head, cures them; it alſo comforts a hot Stomach. There is alſo πέπον ἄγριον, *Pepo Sylveſtris*, the wild Pompion.

64. *Mercurialis*, Λινόζωσις, Herb Mercury, (*h. d.* 1.) it

It is emollient, looſens the Belly, purges the Reins.

65. *Melilotus*, Μελίλωτος, Melilot, (*h. d.* 1.) it mollifies, diſcuſſes, allays Pain, is good againſt all Sores, old or new, breaks the Stone, and expells it; the Juyce clears the Eyes of Spots, Web, Pearls, Dimneſs, &c. you may uſe it in a Cataplaſm with yolks of Eggs, and meal of Fenugreek, for to diſcuſs Swellings, and eaſe the Pain of the Stomach. The Juyce drop'd into the Ears, eaſes their pain; and applyed to the Fore-head, with fine Bole and Flax, eaſes the Headeach. The Eſſence provokes Urine.

66. *Mentha*, Ἡδύοσμος ἢ μίνθη, Mint, hot and dry in 3. It ſtops vomiting, chears the Spirits, and cauſes Appetite. Here *Note*, 1. That *Mentha Romana* is our common Garden Spear Mint. 2. Ἡδύοσμος ἄγριος, *Mentaſtrum*, *Mentha aquatica* is Horſe mint. 3. Σισύμβριον, *Siſymbrium*, *Scimbron*, is another kind of Water mint, called *Fiſh* or *Brook Mint*, and white Water mint.

67. *Muſcus terreſtris*, χαμαίπιτυς, Ground-moſs, (*temp. d.* 2.) it ſtops vomiting and all Fluxes, breaks the Stone and expells it, faſtens Teeth, drys Wounds. To this add Βρύον θαλάσσιον, *Coralina*, *Muſcus marinus*, Sea Moſs, which ſee in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 180.

68. *Myrtus*, Μυρσίνη, Myrtle tree, (*c.* 1. *d.* 3.) the Fruit and Leavs bind, ſtop Fluxes and ſpitting Blood, heal ſore Mouths. Μυρσίνη ἄγρια, ὀξυμυρσίνη, μυρτάκανθα, *Myrtus Sylveſtris*, *Scopa regia*, Butchers Broom.

69. *Narciſſus*, Νάρκισσος, Daffodil, (*h. d.* 2.) the Roots are glutinative and cleanſing, help Strains and Pains in the Joynts. Here add Βολβὸς ἐμετικὸς, *Bulbus Vomitorius*, *Juncifolius*, *Junquillias*, Ruſh Narciſſus, or Daffodil.

70. *Nardus*, Ναρδόσταχυς, Spicknard, *Spica Indica*, (*h.* 1. *d.* 2.) it is aſtringent and hurts Women with Child; it opens the Liver, helps the Rickets, provokes Urine

Urine, and breaks the Stone in the Reins and Bladder; reſiſts Poyſon: a Confect of Spicknard with Cinnamon, Nutmegs and Cloves, cures the Palpitation, and the Jaundies; is ſingular good againſt the Vertigo and Apoplexy; comforts the Brain and Nerves, and prevails againſt the Palſie. There is alſo Ναρδόστον, *Spica Celtica*, Celtick-nard, which ſee in our *Pharmac.*

71. *Naſturtium*, Κάρδαμον, Creſs, or Garden Creſs. (*h. d.* 4.) There are ſeveral kinds of Creſſes. 1. The Garden Creſs aforeſaid. 2. Ὑφυδρέϊον, *Cardamum Hybertum*, Winter Creſſes, which ſee *Pharm. lib.* 1. *cap.* 4. *Sect.* 80. 3. Δεάβα *Dioſcoridis*, *Naſturtium Græcum*, Turkey Creſſes. 4. Ἴβερις, καρδαμαντικὴ, *Iberis*, *Cardamantice*, *Lepidium*, *Naſturtium Sylveſtre*, Sciatica Creſſes. 5. Καρδάμον ἔνυδρον, *Naſturtium Aquaticum*, Water Creſſes. 6. Σιούμβριον ἕτερον, καρδαμίνη, *Sium alterum*, *flos cuculi*, the leſſer Water Creſs, Ladies Smocks, or Cuckow-flower, (by ſome falſly called *Canterbury* Bells) ſee the *Pharm. lib.* 1. *cap.* 4. *Sect.* 122, 7. *Bank Creſſes*, (*h. d.* 4.) which reſiſt Poyſon, provoke Urine, break the Stone, cure the Yellow Jaundies, Sciatica and Scurvy.

72. *Nepeta*, *Mentha felina*, Γλήχων ἄγριον, Calmint, or Nep, (*h. d.* 3.) ſometimes called *Wild penny royal*, *and Corn mint*; it is of thin parts, opens and attenuates, removes obſtructions of the Womb, expells the Terms and the Child, and removes the Cauſes of Barrenneſs.

73. *Oxymyrſine ſylveſtre*, *Agrifolium*, Ὀξυμυρσίνη ἄγρια, καταγὼν, καταγωνὶ, the Holly buſh; the berries thereof taken inwardly prevail againſt the Cholick and Griping of the Guts; ſome ſay they purge. Of the Bark, Bird-lime is made, as we have taught in our *Pharm. lib.* 1. *cap.* 8. *Sect.* 81.

74. *Panax Herakleus*, Πάναξες

νακες ἡ ἐπίλειον, Baſtard All-heal, ſee the *Pharm.*

75. *Panax Coloni, Stachys Paluſtris,* Στάχυς ἔνυδρος, Clowns All-heal, or Clowns Woundwort, (*h. 2. d. 1.*) ſee our *Pharm. lib. 1. cap. 4. Sect. 476.*

76. *Primula veris pratenſis,* Φλομίδες, Ox-lips. *Pharm. lib. 1. cap. 4. Sect. 533.*

77. *Petroſelinum,* Πετροσέλινον, Stone Parſly, (*h. d. 2.*) it expells Wind, Urine, and the Terms, eaſeth Pain in the Reins. Here add, Πετροσέλινον μακεδονικὸν, *Petroſelinum, Macedonicum, Apium Saxatile, Petrapium,* Macedonian Parſly.

78. *Peucedanum,* Πευκέδανος, ἢ ἄγαλος δαίμων, Hog Fennel or Sulphurwort, (*h. d. 3.*) it opens, attenuates, expectorates, purges tartarous Mucilage and Choler; it is uſed chiefly in effects of the Breaſt and Lungs, as in Coughs and Aſthmas, and in Obſtructions of the Liver, Spleen, and Reins; it provokes Urine, breaks and expells the Stone; and purges Flegm and Choler. The Eſſence is an excellent Pectoral, good againſt Coughs and Aſthmas, Wind in the Bowels, Pain and Stoppages in any part, Fits of the Mother, Lethargy, Megrim, Vertigo, Phrenſie, Epilepſie, Palſie, Sciatica, and Ruptures in Children. Outwardly, it cleanſes and heals old ſtinking and corrupt Ulcers, which are hard to heal. In the Dropſie it is a Specifick given in Rheniſh Wine, ℥j at a time. It is called *Bonus genius, Stataria, Fœniculus Porcinus,* Horſe-ſtrange, Sow-fennel, and Sulphurwort.

79. *Phalaris,* Φαλάρις, Petty Panick, or Graſs Corn, the Juyce of it, as alſo the Grain, are prevalent againſt Pain and Diſeaſes of the Bladder.

80. *Phaſeolus, Dolichus Smilax hortenſis,* Φάσηλος, δόλιχος, ἢ σμίλαξ ἡμερικὴ, Kidney Beans, (*temp.*) they are of good Nouriſhment; the Salt of the Straw expells Urine powerfully; the Cods are called Λόβοι, *Lobi, Sileq-*

que, and of *Serapio*, Lubia. There is another marine ſort of Beans called Ἰσόπυρον, *Iſopyrum*, *Phaſiolos*, *Phaſiolon*, *Trifolium Paluſtre*, Buck-beans, or Marſh Trefoyle, which you may ſee in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 679. By ſome it is eſteemed an excellent thing againſt the Scurvy, Dropſie, Gout, and Kings Evil.

81. *Pinaſter*, *Pinus Sylveſtris*, Πίτυη ἄγρια, Wild Pine. Lee our *Pharmacop.*

82. *Prunus Sylveſtris*, Ἀγριοκοκκυμηλέα, Bullies Tree, but it is for the moſt part taken for the Sloe Tree. The Fruit (eſpecially if unripe) is incomparable to ſtop all Fluxes, Dyſenteria's, Lienteria's, and ſpitting of Blood; it is called in Greek Κοκκυμηλον ἄγριον, *Prunum Sylveſtre*, Bullies; which is, for the moſt part, taken alſo for Sloes, whoſe proper name in Latin is *Prunelum*. Of the wild Plum or Sloe, is made the counterfeit *Acacia*, in my opinion no ways inferiour to the true. The Flowers purge the Reins, help the Heavineſs of the Heart, looſen the Belly, and Cure the Pleuriſi. Upon the *Black Thorn* alſo grows a Moſs, which cures Ruptures. *Schroder* ſays, that the Sloe tree or black Thorn, becomes a Garden-fruit by good ordering, and the Fruit will be much larger. See our *Pharm. lib.* 1. *cap.* 4. *Sect.* 536. & 537. *cap.* 5. *Sect.* 56. and *cap.* 6. *Sect.* 57.

83. *Pſeudo-dictamnus*, *Dictamnus Creticus*, *Fraxinella*, *Tragium*, Ψευδοδίκταμνος, τράγιον, Baſtard Dittany, or Dittany of Crete, (*b.d.* 2.) it is waſting, attenuating, and opening; it expells the Courſes, Birth and After-birth, helps the Strangury, and cold Diſeaſes of the Womb; it expells the Stone, reſiſts Poyſon, Peſtilence, and biting of venomous Beaſts, helps Aſthma and Anorexia. The Leavs bruiſed and applyed, draw out Thorns and Splinters; the Root, taken with *Rheubarb*, kills Worms, and is very good againſt the Rickets in Children.

84 *Ra-*

84. *Ranunculus*, Βατραχίον, Crow-foot, hot and dry in 4°. The Leavs, Roots or Flowers ſtamped with Salt and applyed, help Plague Sores, draw Bliſters, and attract the Venome, eaſe the Tooth-ach, and provoke the Terms; bruiſed and applyed they cure Scurf, Morphew, Tettars, Ringworms, Wheals, Scabs, Itch, &c. The Root in Powder, provokes ſneezing. There are ſeveral kinds of it, One is called *Ranunculus Illyricus*, or *Apium Riſus*, which is ſaid to kill; for, being taken inwardly, it ſpoils the Senſes and Underſtanding; and draws the Sinews of the Face ſo together, that they do ſeem to laugh; and ſo without preſent Remedy, they dye (as it were) laughing. Another is called Ὑδροβάτραχον, *Ranunculus Aquaticus*, Water Crow-foot, of the nature of *Apium Riſus*, and by ſome taken for the ſame.

85. *Raphanus*, Ῥάφανος, Radiſh, hot in 3. dry in 2°. It expells the Stone, provokes Urine, helps the Strangury, and is good againſt the Scurvy and Dropſie. There is another ſort, which is wild, called Ῥάφανις ἄγρια, *Raphanus Sylveſtris*, Horſe, or wild Radiſh, whoſe Vertues ſee in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 558. And another ſort called Θαλάſſανις, *Raphanus Marinus*, Water Radiſh.

86. *Rapa Sylveſtris*, *Rapunculus*, *Rapuntium*, Γογγύλη ἄγρια, Rampion, or Wild Rape: The Root is generally uſed in Sallads, it increaſes Milk, and helps Soreneſs of the mouth and Throat.

87. *Ribes*, *Ceanothus Levis*, Ἄρκτος ταφυλαι, Currants, cold and dry in 1 deg. they abate the heat of Feavers, and Choller, reſiſt Putrefaction, quench Thirſt, ſtop Vomiting, and ſtrengthen the Stomach.

88. *Rubeola*, *Rubia Sylveſtris*, Ἐρυθρόδανον ἄγριον, Field Madder.

89. *Rubus Tricoccos*, *Humi Rubus*, Χαμαίβατος, Dewberry, of the Nature of the Bramble.

90. *Rubus Ideus, Raſpis,* Βάτος ἰδαία, the Raſp berry Bramble. It has it's Latin name from the Mountain *Ida*, not far from *Troy*, where they did grow in great Abundance. The Fruit is called Μόρον τῆς βάτου ἰδαίας, *Morum Rubi Idei*, Raſpberries. See them in our *Pharm. lib.* 1. *cap.* 6.

91. *Ruta*, Πήγανον, Rue, hot in 3. dry in 4. *deg.* It reſiſts Plague and Poyſon, eaſeth Pains and Stitches in the Side, and cures moſt cold Diſeaſes of the Head, clears the Sight, helps the Sciatica and Gout, and provokes Urine. Beſides the Garden Rue, there are ſeveral other kinds; as, 1. *Galega, Ruta Capraria*, Goats Rue, 2. *Ruta Muraria, Sulvia vitæ*, Wall Rue. 3. Πήγανον ἄγριον, *Harmel, Harmala*, Ruta *Sylveſtris*, Wild Rue.

92. *Salvia*, Ἐλελισφακος, Sage, hot in 2. dry in 3. deg. It prevents miſcarriage, ſtops ſpitting of Blood, ſtrengthens the Sinews, helps ſore Mouths, is an Enemy to the *French* Diſeaſe, and performs moſt things which Roſmary doth, but ſomething more weakly. The Juyce drunk, cauſes Fruitfulneſs, which was the Cuſtom of the *Ægyptians* after a Plague or Mortality, that their Women might conceive the ſooner. It cures ſpitting of Blood, and ſtops all Fluxes of Blood at the Mouth; and is alſo a very good Traumatick and Vulnerary. There is another kind of Sage, called *Salvia agreſtis, Ambroſiana*, & *Scorodonia*, Σκορόδωνία, Wild or Wood Sage, which has all the Vertues of the former.

93. *Sinapi*, Σίνηπι, *vapi*, Muſtard, Seed is hot and dry in 4 deg. It attenuates, attracts, opens the Breaſt and Lungs, helps Aſthmas, expells the Stone, provokes Urine and the Terms, and plaiſterwiſe, helps the Epilepſie, Lethargy, Bruiſes, Sciatica, and all pains coming of Cold. Uſed as an Errhine, it purges the Head and Brain of Cold, Flegmatick and watery Humors, ſtops Ca-

Catarrhs, and is a means of curing old, and almoſt incurable Headaches. It is an approved and experienced Specifick in the Cure of the Dropſie, drunk in Rheniſh Wine.

94. *Smilax, Volubilis*, Σμίλαξ, Bind-Weed, hot and dry in 1 *deg.* It opens the Belly, and diſſolves hard Swellings.

95. *Sophia Paracelſi, Sophia Chirurgorum*, Πσευδοάςφυλλον ἄγριον, Flix-weed, temperate and dry in 3 deg. The Seed ſtops Lasks, and Fluxes of Blood, ſtrengthens and conſolidates broken Bones, heals Wounds and Ulcers. *Paracelſus* commends it to the Skies.

96. *Stœchas*, Στοιχας, ἢ ϛοίχας, Lavender gentle, and commonly *French* Lavender, becauſe a great deal of it comes from *France*. The *Arabian Stœchas* is the beſt, then that of *Candia*; the *French* is the worſt of all. It cleanſes, attenuates, opens, uſed chiefly in Diſeaſes of the Head and Nerves; as the Megrim, Apoplexy, Palſie, Lethargy, and moſt Diſeaſes of the Breaſt and Lungs. It provokes Urine, Terms, reſiſts Poyſon and Melancholy; admirably opens all Obſtructions, helps Fits of the Mother, prevails againſt the Stone in the Reins and Bladder, helps the Cholick, expells Wind, and ſtrengthens the Stomach, driving forth all corrupt Humours. It is an excellent Cephalick and Pectoral. There is alſo Ἐλειοχρυσον, *Eliochryſon, Stœchas Citrina, Tinearia, Amarambus Luteus*, yellow Stechas, golden Cudweed, or Cotton-weed; which ſee in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 226.

97. *Teſticulus odoratus, Triorchis, Tetrorchis*, Τεθορχις, ἢ Ὄρχις σπράπιας, Cullions, hot and moiſt in 2 deg. They ſtir up Luſt, help Conſumptions and Hecticks.

98. *Thlapſi, Sinapi perſicum*, Θλάσπι, Treacle Muſtard, hot and dry in 3 deg. The Seed provokes Urine, and the Courſes, kills the Fœtus, reſiſts Poyſon, breaks inward Apoſtems, and being taken in ʒij it purges Choler.

99. *Tragopyrum*, Fegopyron, Τραγοπύρον, Buck-Wheat, cold and dry in 1 deg.

100. *Tragoriganum*, Τραγοριγανον, Goats Marjoram, hot and dry in 3 deg. It has the compleat Virtues of Margoram, Origanum, Time, and Lavender.

101. *Tribulus Marinus*, Τριβολος ἔνυδρος, Water Caltrop. See the *Diſpenſatory*.

102. *Trifolium*, Τρίφυλλον, Trefoil, cold and dry in 1 deg. See the Vertues in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 676. There is 1. another ſort of Trefoil, called Ἀνάγυρις, *Anagyris*, Bean Trefoil. 2. Κολέτεα, Κυτίσος, *Coloutea*, *Cytiſus*, *Trifolium arboreſcens*, Shrub Trefoil. 3. Λωτὸς ἥμερος, *Lotus Vrbana*, *Trifolium odoratum*, Sweet Trefoil. 4. Ὀξυτρίφυλλον, μηνιανθὲς, ἀσφάλτιον, καὶ κνίκιον, *Trifolium Bituminoſum*, ſtinking Trefoil. 5. Ἰσόπυρον, *Trefolium Paludoſum*, *Menianthes Theophraſti*, Water Trefoil or Buck Beans. See *Sect.* 79. aforegoing. 6. *Trifolium purpurum*, Purple Trefoil, called alſo *Lotus quadrifolia*, cold and dry in 1 deg. It helps Pains and fretting of the Guts, expells ſlimy Humours, abates Inflamations, *&c.* See it in our *Pharm. lib.* 1. *cap.* 4. *Sect.* 680.

103. *Tripolium*, *Inguinalis marina*, Τριπόλιον, Sea Starwort, or *Serapio* his Turbith.

104. *Triticum*, *Siligo*, *Ador*, Πυρὸς, Wheat, temperate. A Cataplaſm made of Red Wheat and Vinegar, helps the ſhrinking of Sinews; with Juyce of Henbane, it ſtops the Flux of Humours. If maulted, and the Sweetneſs drawn off with Water, and fermented, (that is, made into a kind of Beer or Ale, called *Mum*) you may in *B. M.* draw off a Burning Spirit, no ways inferiour to Spirit of Wine, of great force in comforting the Head, Brain, Heart, and Bowels, and a good *Menſtruum* for extracting of Tinctures.

105. *Vaccaria*, *Tamecnemum*, *Philitærium*, *Ocimaſtrum*, Ὠκιμοειδὲς, Cow Baſil, hot and

and dry in 1. deg. It provokes Urine, but is not much uſed in Phyſick; the Seed is good for ſuch as are bitten of Serpents, Vipers, and other like venomous Creatures, if it be drunk with Wine.

106. *Vua Urſi*, Ἄρκτου σταφυλαὶ, Spaniſh red Whortle Berries. *Pharm. lib.* 1. *cap.* 4. *Sect.* 721.

107. *Viola Flammea, Herba Trinitatis, Clavellata, Viola Tricolor*, Φλόξ, καὶ φλόγιον, Hearts Eaſe, cold in 1. moiſt in 2. deg. But *Schroder* ſaith it is hot and dry in 3. If he means what we here intend. It helps Epilepſies, Scabs, Ulcers, Diſeaſes of the Lungs, and ſome ſay it cures the *French Pox*. It is a notable Traumatick and Vulnerary, glutinates and heals Ulcers, and diſpoſes old Sores and Fiſtula's to healing, given in Powder, Morning and Evening to ʒij, or in Eſſence to two Spoon-fulls.

108. *Virga Paſtoris, Cardus Fullonum, Labrum Veneris, Dipſacus*, Δίψακος, *Fullers* Thiſtle or Teaſle. The Juyce in a Gargariſm heals ſore Throats; and you may make of it an excellent healing Oyntment.

109. *Umbelicus Veneris*, Navel-wort, or Penny-wort. It is three-fold. 1. Κοτυληδὼν, *Acetabulum, Herba Coxendicum*, great or Wall Navel-wort. 2. Κυμβάλιον, καὶ κοτυληδὼν ἑτέρα, *Cymbalium, Umbelicus Veneris alter*; The other Navel-wort or mountain Penny-wort. 3. Κοτυληδὼν ἔνυδρον, *Umbelicus Veneris aquaticus, Scatum Cæli*, Navel-wort.

110. *Xylobaſamum* Ξυλοβάλσαμον, Wood of the Balſom Tree, hot and dry in 2 deg.

Water and Oyl of Wood of the Balſam Tree. ℞ *Xylobalſamum raſped*, lb. xx. *ſteep it in Rain water* q.s. *in which, Tartar* iij *or* iiij lb. *is put in powder; digeſt in a warm* B.M. *for ſix weeks; then put a quarter of the Infuſion, with a quarter part of the wood, into a Veſica, and powre on more Rain or River water, till it is within ſix Inches of the Brim. Cover it with a Head, and fix to it a large Recipient; and give a gradual convenient Fire, until the water in dropping appears to have no more of Oyl in it.* The Recipient ought to be large, becauſe the Oyl which falls in

in the end would be loſt, if new Recipients ſhould be applyed. This is alſo to be noted, that Oyls of Aromatick Woods do diſtill ſomewhat warm, which is quite contrary to the diſtilling of inflamable and violatile Spirits; for Oyls muſt be ſeparated from their bodies by a ſtrong Ebullition and heat, raiſing it with the Aqueous Vapors; but the heat muſt again be temperated, leſt the Flegm ſhould aſcend too largely. Whereas, in Spirits the water above the worm muſt be kept very coof, and when it grows too hot, the cold ought to be renewed; but not ſo in the diſtillation of theſe oyls. You muſt ſeparate the Water from the Oyl according to Art. They both of them have the virtue of the Wood, and are powerful againſt the Stone, and to cleanſe the Kidneys.

CHAP. II.

Of Secondary Alteratives.

1. ACetum, Vinegar. § 1. A ſtrong Water out of the Lees of Vinegar. ℞ *Fæces or Lees of Vinegar, diſtill in a Veſicatory, with it's Refrigeratory, ſo will you have a fiery Spirit. It diſſolves Metals, Stones and Minerals.* § 2. Vinegar of Turpentine. *It is made of Vinegar and Turpentine, diſtilled in a Retort, then ſeparating the Oyl and Spirit from the Water.*

2. *Ammoniacum.* § 1. It is an admirable thing in *Pains of the Spleen and the Gout, and to diſſolve hard Swellings.* § 2. Out of the Gum you may make a Reſinous Extract, *which has the Vertues of the Gum exalted.*

3. *Gum Animi.* § 1. This Gum by diſſolution, in S. V. rectified, *makes an incomparable white and clear Varniſh; which beſides it's uſe for Varniſhing, has all the Virtues of the Gum.* § 2. Diſſolved in Oyl Olive, *it becomes an excellent Balſam for the Sinews and Joynts.* § 3. Diſſolved in rectified Oyl of Turpentine, *it yet makes a better Varniſh.*

4. *Gum Arabick.* To depurate it, you muſt diſſolve in Water and Inſpiſſate.

5. *Aſſa fœtida,* § 1. Pills of Aſſa. ℞ *Aſſa fœtida* ℥j. *Gal-*

Galbanum, Ammoniacum a. ʒij *Powder of an Ox-horn* ʒiiij. *Diſſolve the Gums in Vinegar, ſtrain, and inſpiſſate to a due Thickneſs, then add the Powder. They are admirable againſt Fits of the Mother, and the Epilepſie.* ℔ 2. Balſam of Aſſa. ℞ *Aſſa fœtida* ʒj. *Turpentine, Wax A.* ʒvj. *Oyl of Roſes* q s. *mix and make a Balſom*; it is admirable in curing all green Wounds.

6. *Benjamin.* ℔ 1. Liquor of Benjamin. *It is made in the white of a hard* Egg, *as is Liquor of Myrrh. It takes away Morphew, Scurf, as alſo Spots and* Scars *contracted by the* French *Pox.* ℔ 2. A Perfume of Benjamin. *Diſſolve pure Benjamin in Oyl of Nuts, chiefly, of Cherrie Kernels; to which, add Ambergriſe, Musk, and Civit; after ſix months ſtrain it off*; it is an excellent Perfume for Gloves.

7. *Camphir.* ℔ 1. A Fucus for Ladies Faces. ℞ *Simple Oyl of Camphir, diſtilled with Bole; put into it fine* Talcum *in powder, digeſt in B. M. two or three days, or a Week, ſo will it grow white, and be an admirable* Fucus, ℔ 2. Oleum Camphoræ Johannis Caſpari. ℞ *Camphir* p 1. *Bole* p 2. *powder, and diſtill in a Retort, in Sand, ſo will the Camphir come forth like Butter. Take of this* p. j. *Tartar calcined* pij. S. V. *enough to overtop it* 3 *Inches. Digeſt in B. M. till the Camphir begins to aſcend, then abate the Fire, and decant the* S. V. *that diſtilled forth, into a ſtrait mouthed Glaſs; add Water, and the* S. V. *will be white, the Oyl of Camphyr ſwimming at top, which ſeparate. To the matter left in the Still, add more* S. V. *diſtill again, and ſeparate as before; this work repeat, till no more Camphir will aſcend; ſo have you Oyl of Camphir very ſtrong, but in a ſmall Quantity, about an eighth part; the* S. V. *rectifie for other uſes.* ℔ 3. Another Oyl of Camphir. ℞ *Camphir* ʒviij. *Salt* ʒj. *Salt of Tartar* ʒjſs. *Powder, and make a kind of Cataplaſm with Milk; digeſt three days in Sand, then add Canary* ʒxij. *diſtill by a low Alembick with a cloſe Receiver, and a gentle Fire, ſo have you Water and Oyl, which ſeparate.* ℔ 4. Oyl of Camphir with

A. Fortis. *It is made only by diſſolving the Camphir in* Aqua-fortis. It is not to be taken inwardly, outwardly you may uſe it for the Tooth-ach: This Oyl will at length be Camphir again.

8. *Colophony.* Being diſtilled in a Retort, you have a famous Balſom, which cures all ſorts of Wounds at once dreſſing.

9. *Copal.* You may make an Oyl from it, as from *Gum Animi*, and *Colophony*, which is excellent for the Cure of green wounds. There was a Liquor which came from the *Weſt-Indies*, called Oyl of *Copalyra*, which *Cluſius* ſuppoſeth to be from this Roſin.

10. *Elemi.* It yeilds an Oyl by a Retort, which is a Specifick in Gouts, Pallies, and Convulſions.

11. *Fuligo*, Soot. It cleanſes and cures the Suffocation of the Womb, the Salt cures ulcerated Cancers, cauſing the Venom to exhale like a Vapor.

12. *Galbanum.* ℞ 1. *Oleum de Galbano Cloſſæi. Diſſolve Galbanum in Vinegar, and make a blew Oyl from an Iron Kettle, laid on one ſide, and a Retort upon a Trivet of Earth, then cover it with a Cover, having a hole in it, that ſo the degrees of Fire being kept, the Spirit may firſt come forth, then the Oyl; laſtly, a Balſam.* They have the vertue of the Gum, but the Oyl and Balſom are more powerful. ℞ 2. Compound Balſam of Galbanum. ℞ *Purified Galbanum, diſſolve it in Oyl of Turpentine, then with Roſin and Wax a. q. s. make a Balſom.* It diſſolves hard Nodes, eaſes Pains of the Gout, and cures all ſorts of green Wounds, in a very ſhort time.

13. *Labdanum.* Although it be flamable, yet it will not (as *Schroder* ſays) be diſſolved with Fats. The *Arabian* is the cheaper, and is brought to us in an uniform maſs. It is a good thing in the Tooth-ach and Stomach pains, being boyled in Wine and uſed. Outwardly, is ſaid to be excellent againſt falling of the Hair.

14. *Lacca*, Gum Lac. It is made of the Juyce of a certain Tree in *Pegu* and *Malabar*;

var; yet ſome ſay it is made by the winged Piſmires, being a Juyce that is ſucked by them, which turns to Lacca, as Honey in Bees; this, they leave upon Boughs, with which it is brought to us. But there is two ſorts, the former is vulgar *Lacca*, the latter is the true, which others think rather grows or ſweats out of the Boughs. It is prepared or waſhed in the Decoction of Birthwort and Schænanth, till it is clear, then gathering what ſettles.

15. *Maſtiche*, Πρινὶν, χίνιν, καὶ μαστιχὴν, Maſtich, Roſin of the Lentisk tree. ℈ 1. Oyl of Maſtick, with S. V. ℞ *Maſtich* ℔ij. *Bole in powder* ℳ iij. S. V. *enough to make a Paſte; digeſt* 14 *days, then diſtill by a Retort in an open Fire, ſo will you have a light Oyl at the top, and a heavy at bottom, rectifie both with Bole and Salt; the one you may call Oyl, the other Balſam.* The Oyl is good in all Weakneſſes and Crudities of the Stomach and the Cholick; the Balſom in green wounds. ℈ 2. Simple Balſam of Maſtich, *It is made by boyling the Gum in Oyl of Roſes Omphacine.* It is a good Healer and incarnative. ℈ 3. According to *Cloſſæus*, it yields Oyl alone in Plenty: and if you rectifie it upon Vitriol, it will be ſharp; and adding water by B. M. it will be yellow.

16. *Myrrh.* ℈ 1. To depurate it. *Powder it groſsly, digeſt it in Wine three Inches above the Powder, by a gentle* B. M. *being diſſolved, ſtrain while hot, and inſpiſſate.* ℈ 2. Oyl of Myrrh, with S. V. ℞ *Liquor of Myrrh, put to it* S. V. *digeſt, and diſtill by an Alembick.* ℈ 3. Oyl of Myrrh with Vinegar. *Mix the powder of Myrrh with Vinegar, digeſt, and then diſtill.* Theſe Oyls have the Vertue of the Myrrh.

17. *Terebinthina.* To make the blew Oyl of Turpentine. *It is made by laying the fat Fir tree roots ſliced, and flowers of Camomile* Stratum ſuper Stratum, *in a Copper Kettle or Veſica, in Water, fermenting ſome days, till the Turpentine which is in the Fir, has drawn a Tincture from the Copper, which*

which it carries with it through the Alembick. Thurnheuſer commends it as an incompe-rable Vulnerary.

18. *Tacamahacca.* It is a moſt admirable Gum againſt all Pains and Tumors, Nodes, and ſuch like. *Schroder* ſaith, that he has ſeen old Aches of the Thighs, cured by a Plaiſter made of this Gum; I ſuppoſe he means the Sciatica.

19. *Vinum*, Wine. Magiſtery, or vegetable Stone of Wine. *Putrifie Sack for the Space of forty days in a horſe-dunghill; diſtill in B. M. ſo have you firſt a Spirit, then an Oyl: ſeparate them; after deflegmate the Spirit, and putrifie the Oyl for forty days in a Horſe dunghill; from the Faces with the Flegm make a volatile Salt without Calcination. Then purifie both together, impregnate the Salt with it's Spirit, and digeſt it; after add the Oyl, and then digeſt till you have a red powder only.* A few Grains (or Drops, if it be liquid) will make a quart of Water have a Winiſh Property.

CHAP. III.

Of Purgatives.

Choler Purgers mild.

1. *Caſſia Fiſtularis.* It is hurtful to a moiſt ſlippery Belly and Stomach, and is windy; it is corrected with a Grain or two of Pepper, Anniſeed or Cinnamon, and is given in a Bolus, *à* ℥vj *ad* ℥ij. to Children ʒij.

2. *Tamarinds*, or *Indian Dates.* They are good for hot Conſtitutions, and becauſe of their Coldneſs, are corrected with Cinnamon and Mace: they purge Slowly, but are quickned with Whey of Goats milk. Doſe in Pulp, *ab* ℥j. *ad* ij. or iij; and in Infuſion to ℥v.

3. *Man-*

3. *Manna Calabrina*, § 1. It is ſaid to be of two kinds. 1. *Liquid*, which are our ordinary Honey dews. 2. *Solid*, which is that which we intend here, and is only to be had in the Shops. It is only gathered off of the Leaves and Boughs of the common Aſh, called *Fraxinus*, and of the wild Aſh, called *Ornus*, but off no other whatſoever. § 2. This is the Opinion of *Alcomarus* and *Donzellus*, both *Italian* Phyſicians, and of many other Eye-witneſſes, who teſtifie, that *Manna* is a Juyce or Gum, which diſtills from the *Aſh-tree*, condenſed by the heat of the Air, and that it ought to be ranked in the number of *Gums*, which diſtill from Trees, diſſolving with Moiſture, and coagulating with Heat, being far different from *Arabian Manna*, which is only a dew that melts with heat. § 3. *Baptiſta Ferrarius* a Phyſician of *Calabria*, whence that comes, which we daily make uſe of, ſaith, that there are three ſorts of *Manna's* in *Calabria*, one from the body of the Tree, another from the Boughs, which is forced; and another from the Leaves; being no Dews, but a Juyce diſtilled from the *Fraxini*, and *Orni*, gathered in a hot ſettled Seaſon, when no Rain falls. § 4. It begins to diſtill when ☉ enters ♋ from the body of the Tree; this, if it comes forth voluntarily, is a white, clear, and chryſtaline humor; which is gathered, and carefully dryed in the Sun; this flows about ſix Weeks. § 5. *The ſecond* begins to diſtil when the former ceaſes, which is about the begining of *Auguſt*, the boughs and body of the Tree being wounded through the Bark with very ſharp Inſtruments: the *Manna* flows from theſe Wounds from Noon till ten a clock at Night; this runs to the bottom of the Tree, like little ſticks of Wax, and is gathered the next day. This is not ſo much eſteemed as the former, being yellower or browner, yet full as much purgative. § 6. *The third*, from the Leaves, flows voluntarily, like little drops of Water, being, as it were, a

kind

kind of ſweat upon the nervous part of the Leaf, during the heat of the day, and extends it ſelf all over the Leaf: Theſe Drops harden and become white in the Sun, being ſomething bigger than grains of Wheat. In *Auguſt*, the great Leaves of the Aſh will be ſo loaden with theſe drops, as if they were covered with Snow; it is as good as either of the former, yet leſs gathered, becauſe of the Trouble of ſeparating it from the Leaves. See Mr. *Ray* of the *Royal Society* of *London*, his Catalogue of *Engliſh Plants*, where theſe things are confirmed. § 6. Manna tartarized. *It is made of Manna diſſolved, and cleanſed, and caſt into Tablets, adding to every ounce of Manna, one dram of Cremor Tartari.* It has the Vertues of the ſimple *Manna*, but purges better than it. § 7. Spirit of Manna, *Diſſolve it in a large quantity of fair Water, which, ferment; keep it till it has a little vinous Acidity, then diſtill the Spirit as Spirit of Wine.* This Spirit will be better if in the Diſſolution of the *Manna*, you add to every ℔xx of Manna ʒv of Salt of Tartar. It is a great Cordial and Sudorifick, excellent in malign or peſtilential Fevers. § 8. Water of Manna. *Take Manna, diſtil it with a gentle Fire, ſo will you have an incipid Water.* The Vertues are the ſame with the former, doſe *ab* ʒj *ad* ʒij; with this is made the yellow Tincture of Sulphur. § 9. Spirit of Manna with *May* Dew. *Diſſolve Manna in* May *Dew, and cohobate till it ſublimes to the head of the Alembick like Snow; ſo the Mercury being brought to the fluid nature of a Spirit, becomes a Solutive for the mineral of Gold, without any corroſive force or Operation.* § 10. Crude Manna. *It is ſafe in all caſes, excepting burning Fevers.* It is quickned with Syrup of Roſes ſolutive; give it in Prune broth, or broth of a Cock or Hen, to the quantity of ʒiij or ʒiiij.

4. *Aloe Succotrina.* Taken in too great a quantity, it inflames the Liver; and becauſe it opens the Orifices of the

the Veins, it is not ſafe for Women with Child, and is hurtful for hot and dry Conſtitutions. 'Tis commonly impregnated with Juyce of Damask Roſes, and corrected with Maſtich. Doſe ℥ 3ß to 3j. and more.

5. *Rhubarb*, the Soul of the Liver; It is not given alone, becauſe it is apt to fume, and eaſily exhales, but with Endive water, or Syrup of Roſes ſolutive; it ought not to be given to ſuch as are ſubject to the Strangury or Hemorrhoids: It is corrected with Cinnamon, Spicknard and Schenanth. Doſe ℥ 3j to 3ij. This Root is called in general, Ῥᾶ, ἢ Ῥῆον, *Rha*, *Rheon*, *Rheu*, *Raved*, *Ravet*, *Racoma*, *Rhecoma*. That which grows in *Pontus*, and about the *Boſphorus* is called Ῥᾶ ποντικὸν, *Rha Ponticon*, Pontick Rhubarb. That which comes from *China*, is called *Rha Chinarum*, *Rha Indicum*, Indian Rhubarb. The *beſt Rhubarb* is the *Indian*, or that which comes from *China*. The *beſt next*, is that which comes from *Barbary*. which is the Common. And that which is of leaſt Virtue, is the *Rha Pontieum*, or that which comes from *Pontus*. But there is another ſort of Rhubarb, which grows in *Our Country*, viz. Θαλίσπρον, *Thalietrum*, *Rhabarbarum monachorum*, Garden Patience; Dock, or Monks Rhubarb. See it in our *Pharm. lib.* 1. *cap.* 1. *Sect.* 119. *and cap.* 4. *Sect.* 564. *of the ſame Book*.

6. *Damask Roſes*, musked, fragrant, bitter and detergent. Their Virtues are increaſed if their Juyce be mixed with double quantity of Whey, and aromatized with Spike and Cinnamon.

7. *Violets*. They are of like Vertue with Roſes, exceeding good againſt the Headach, and in moſt diſeaſes of the head.

8. *Turpentine*, chiefly *Venice*, if made into a Bole with powder of Liquorice or Elecampane, and Sugar, it cleanſes and heals the Stomach, Lungs, and Reins: The white potion made of it with the Yolk of an Egg, and Plantane water, is excellent to ſtrengthen, and cleanſe both.

9. *Sy-*

9. *Syrup of Roſes ſolutive.* It is hurtful to Women with Child, becauſe it opens the Veins of the Womb, being given *ab* ℥ij *ad* ℥iiij.

10. *Syrup of manna laxative.* It is excellent to purge Children with.

11. *Electuary of Hiera.* It is an admirable Purger of ſharp and cholerick Humours from the very extream parts. Doſe *à* ℈j *ad* ʒß, *Hitherto of ſuch Choler purgers as are mild; theſe following are ſtronger.*

12. *Aſarum.* If it be long boyled it loſes it's Strength, the Infuſion is beſt in a proper *menſtruum*: beaten to a fine powder it is emetick, and may be given with Whey, Wine, and Honey, ſoden together.

13. *Scammony.* It ought not to be given to ſuch as are weak and feveriſh, becauſe it's Acrimony inflames the Spirits, and diſturbs the Boby. You may give it alone in Broth; that which is corrected is called Diagrydium. Doſe *à* gr. vj. *ad* xvj. It is called in Greek, Σκαμμώνιον, *Scammonium.*

14. *Pilulæ Rudii.* It is not only an excellent Purger of Choler, but an univerſal Purge, for all Times, Ages, Sexes, and Conſtitutions. Doſe *ad* ʒj or ʒß.

15. *Pilulæ Aureæ.* They are of the nature of the former, and more in uſe.

Phlegmagogues mild.

16. *Myrobalans, Chebulan,* and *Emblican*; they are to be avoided in Obſtructions of the Guts or Bowels: they are to be ſteeped in Broth to ℥j. or boyled therein with Muſcadine. to ℥jß.

17. *Cnicus* or *Carthamus Seeds*, Seeds of baſtard Saffron, They purge water, and crude Flegm, but cauſe Wind: they are Emetick, and are corrected with Aniſe, Ginger, and Maſtich. There is another ſort called Ἀτρακτυλὶς, καὶ κνίκος ἄγρια, *Atractilis, Cnicus ſylveſtris*, wild Baſtard Saffron, ſee my *Pharm, lib.* 1. *cap.* 4. *Sect.* 65.

18. *Mecoachan*, Female *Ialap.* It is of ſubtil parts mingled with Earthy, it purges Flegm and VVater from the Head, Nerves and Breaſt, and

and is good in Catarrhs, Dropſies, Gout, and French Pox. Of exquiſite Tertian Agues, it makes double ones: it works excellently in form of a Powder, or if it be ſteeped a night in Wine or Broth, and taken in the morning faſting. Doſe à ℥j to ℥ij to Children ℈j.

19. *Hiera picra ſimple.* It purges Choler as well as Flegm.

20. *Morſulli mechoacannæ.* They were invented by *Horſtius*, doſe *ab* ℥ß *ad* ℥j. *The beforegoing Phlegmagogues are mild and gentle, theſe following are ſtronger and vehement.*

21. *Agaricum*, *Agaricus*, *medicina familiæ*, Ἀγαρικὸν, Agarick; by a ſpecifick Faculty, it frees the Lungs from clammy, thick, and putrid humours; and is ſafer given in Infuſion, than in ſubſtance. *Dodonæus* ſaith, it is good againſt the Vertigo, Megrim, Epilepſie, Stoppages of the Head, Brain, Lungs, Stomach, Liver, Spleen, Reins, Bladder, Womb, and other inward Parts. It is good againſt inveterate Coughs, Aſthma's, Ptyſicks, Inward Bruiſes, ſpitting of Blood, and Conſumptions, as alſo, Vomiting, Jaundice, Green-ſickneſs. It purges Flegm and VVater from the whole body, chiefly from the meſentry, Head, and Lungs.

22. *Iallap*, *Indian Briony.* It is moſt proper, where Choler is mix'd with Flegm. Doſe à ℈j to ℈ij. with cream of Tartar: It purges ſtrongly all Humours, chiefly Water, and that ſafely; It helps the Jaundies, Dropſie, Gout, and old Agues. It is a Specifick in the Cure of the King's Evil, and Gout, fetching thoſe rebellious Humours from the moſt remote parts of the Body; the Roſin is the beſt to be uſed, or the Tincture.

23. *Turpethum*, Turbith. The beſt is gummy and white. It hurts the Stomach, and provokes Vomit; is corrected with Pepper, Ginger, and Cinnamon. It's Dryneſs brings ſuch as uſe it too much, into a Conſumption. It works beſt in a Decoction or Tincture. It draws ſtrongly Flegm and other groſs clammy Humors, from

from the Joynts and remoteſt parts, is good againſt old diſeaſes, the Gout, Aſthmas, French Pox, Dropſie, Leproſie, Itch, Scabs, Baldneſs, *&c.* Doſe in Powder à ℈ij *ad* ℈iiij: In Infuſion from ʒj *ad* ʒiij. It is alſo called *Ferulago*, and *Ferula ſylveſtris.*

24. *Coloquintida*, *Colocynthis*, Wild Cucumer. It purges thick and clammy humours from the remote parts, and ſometimes provokes vomiting. It muſt not be corrected by Aſtringents, for, (it being a violent thing) they detein it too long in the Body. It cleanſes the Brain, Lungs, Nerves, and Joynts, of groſs Flegm; cures the Headach, Megrim, Epilepſie, Apoplexy, Scabs, Jaundies, Dropſie, Gout, Scurvy, French Pox, Doſe ℈j.

25. *Hermodactilus*, Hermodacts, The Root is ſaid to purge peculiarly tough Flegm from the Joynts, and is good againſt the Gout in hands and Feet. Doſe à ʒß to ʒj. or more; of the Infuſion à ʒß to ʒj. There is ſaid to be two ſorts of *Hermodacts*, *viz.* 1. Κολχικὸν ἢ ἐφήμερον, *Colchium*, or Meadow Saffron. 2. Ἑρμοδάκτυλος, *Hermodactilus*, Hermodacts, properly ſo called. The *firſt ſort* gnaws and inflames the Stomach, excoriates the Bowels, cauſes the bloody Flux, and as Authors ſay, kills in a days time. *The other*, which we here intend, purges Flegm by ſtool, from the extream parts, and is excellent againſt the Sciatica, Gout, and pains of the Joynts.

26. *Euphorbium*, Εὐφορβίον, a Juyce or Gum of the *Lybian Ferula*, hot and dry in 4 deg. It purges Flegm and Water, but inflames violently; eſpecially the Jaws and Throat: It vexes the Stomach and Liver, and cauſes cold Sweats; Oyl of Roſes corrects it the beſt of any thing. Doſe à gr. iij *ad* vj. Some will not admit it to be taken inwardly at all. If it be corrected with Vinegar or Flegm of Vitriol, it may be given à gr. iiij. to viij. as ſome ſay. It purges Flegm from the Nerves, cures Palſies, Gouts, and Convulſions, by

by using it inwardly and outwardly. Inwardly it may not be given, till it is a year old; and then if never so well corrected, gr. vj or viij. is dose large enough; nor then ought it to be given without some other mixture.

27. *Sagapenum*, It brings forth thick Flegm, and other clammy Humors from the extream parts, the Stomach, Guts, Womb, Breast, Reins, and Nerves. It is good in Coughs, Dropsies, Asthma's, Head-aches, Convulsions, Falling-sickness, Palsie, Agues, Cholick, Obstructions of the Spleen; it provokes Urine, and the Terms, but kills the Child: it is subtil, and draws Thorns out of the Flesh.

28. *Opopanax* (hot in 3. dry in 2. *deg.*) It purges clammy Flegm from the Mesentery and remote parts, as the Breast, Head, Brain, Nerves and Joynts. It is good against old Coughs, and takes away the cold Fits of Agues. Dose à ʒß *ad* ʒj.

29. *Pills of Sagapenum.* They are admirable against Chronick diseases, proceeding from Flegm, Water, and Melancholy. Dose *ad* ℈j. or more.

30. *Pills of Euphorbium.* Of the same use with the former, admirable against old continuing Agues, *Quotidian & Quartane.* Dose à ℈j *ad* ℈ij.

Melanagogues mild.

31. *Myrobalani Indian*; They are principally given against Quartan Agues, and purge *Atra bilis.* Dose à ʒvj. *ad* ʒjß.

32. *Epithymum*, Ἐπίθυμον, Dodder of Time, hot and dry in 3 deg. It gently purges melancholy, by a peculiar Property above all other medicines; it is better used in the Winter than in the Summer; and that of *Crete* is the best. It is used chiefly against Scabs, Ulcers, Obstructions of the Spleen, and Hypochondriack Melancholy. It is an approved thing against the Rickets, if discreetly used according to Art. It purges the Blood, provokes Urine, and expells Choler and Melancholy. It is also a Specifick against old Agues and the Jaundies. For, Ἐπίλινον, *Epilinum*, Dodder of Flax, Ἐπακάλυφη, καὶ Ἐπίκνιδη, *Epiurtica*, Dodder of Nettles,

See our *Pharm. lib.* 1. *cap.* 4. *Sect.* 229. 232.

33. *Polypodium*, of the Oak. It binds when it is old, and therefore muſt be uſed freſh and new gathered. That which grows on over-old Oaks, by it's over much humidity, ſubverts the Stomach.

34. *Sena*, It is one of the beſt of *Melanagogues* in Nature; it draws Humours out of the Stomach, Spleen, and Meſentery, and from remote parts; it is given in Broth of Prunes, or of Raiſins, or in Whey, or by Infuſion in proper Water, or in Spirit of Wine. The Cods if gathered before they are ripe, whilſt full of Juyce, will work as the Leaves do, but withering upon the Stalk they looſe all their Virtue.

25. *Syrup of Epithymum*, an admirable thing, given to ℥iij or iiij.

36. *Pilulæ de Fumaria*, powerful in curing melancholy and inveterate diſeaſes. Doſe *ad* ℥j.

37. *Pulvis Senæ*, both ſorts, which may be given à ʒj *ad* ℥iij. *The former Melanagogues are mild and gentle, and work without danger, what follows are much ſtronger.*

38. *Lapis Armenius.* Before you uſe it, let it be waſh'd in Cordial Waters, ſo long till no more Foulneſs appears. Doſe à ℈ij *ad* iiij.

39. *Lapis Lazuli.* Let it be ground impalpable, and waſh'd as the former. Doſe à ℈ij ad ʒj.

40. *Elleborus niger*, Ἑλλέβορος μέλας. It is leaſt dangerous in decoction, and is beſt corrected with Flegm of Vitriol. An excellent way to give it, is to ſtick an Apple with Cloves and black Hellebor roots, and to roaſt it in the Embers. The Extract purges Melancholy ſtrongly, and is good againſt all diſeaſes which proceed therefrom, as Obſtruction of the Spleen, Madneſs, Elephantiaſis, Herpes, Cancer, Vertigo, Epilepſia, Apoplexia, Scabs, Quartans. Doſe à ʒj ad ℈ij.

41. *Elleborus Albus*, Ἑλλέβορος λευκὸς. White Hellebor, hot and dry in 4 deg. It purges upwards and downwards, and performs all that the black will do, but much Stronger: The Powder purges

ges by ſneezing, and provokes the Terms: doſe, if given inwardly, *ad* gr. viij. To this add Ἑλλεβορινη, *Helleborine*, *Epipactis*, Wild white Hellebor, which ſee in our *Pharm. lib. 1. cap. 4. Sect.* 294.

42. *Mell Elleboratum.* Give it in Whey, or decoction of *Sena* or *Epithymum*, *ad* ʒiij.

43. *Syrup of Roſes ſolutive, with Hellebor.* Give it as the former. doſe ʒj.

Hydragogues mild.

44. *Soldanella, Braſſica marina*, Sea Colewort, hot and dry in 3 deg. It purges Water excellently, helps the Dropſie and Scurvy. Doſe in Powder à ʒß ad ʒj. It opens Obſtructions of Liver and Spleen, helps the Cachexia, Green-ſickneſs, Jaundice, and melancholy, and Perturbations of the mind. It is called Κραμβη θαλασσια, Sea Colewort, or Bind-weed.

45. *Orrice* or *Flower-de-luce Root.* It provokes the Courſes; by boyling it loſes it's virtue; but the Juyce being put into an Egg-ſhel with the Yolk of an Egg, and there boyled or roaſted, (and the Egg not being yet hard) ſup'd up, purges the Stomach and Bowels of Water admirably.

46. *Peach Flowers.* You may give them in Syrup, Conſerve, Infuſion, or Juyce.

47. *Benedicta Laxativa*, which purges Water from the moſt remote parts: you may give it from ʒiij to ʒvj. in *Rheniſh* Wine. *The former Hydragogues are mild and gentle; The following are ſtronger, and purge powerfully.*

48. *Cambogia.* Becauſe it makes the Stomach a little ſick, it is corrected with Spirit of Salt and Mace. It ought not to be given to Cholerick Conſtitutions, nor dry bodies. It cures Jaundice, Dropſies, Fevers, Scabs and Itch. doſe à gr. v. *ad* xvj.

49. *Elaterium*; Juyce of the wild Cucumer, hot in 2. dry in 1 deg. It ſlips even without the Veins, and draws water away powerfully. doſe ♃ gr. j. *ad* v. And to very ſtrong perſons, to gr. x. if well corrected, which is commonly done with Cinnamon, Spicknard, *&c.* It purges Water, Flegm, and Cholet violently, provokes the Terms,

kills the Child, cures the Jaundice, Aſthma, Dropſie, Scurvy, Gout, and Kings Evil. *Dodonæus* ſaith, it may be given to gr. x. it only worketh downward. As an Errhine, (mix'd with milk) it cleanſes the Brain, and cures the Head-ach; and as an Injection into the Womb, it provokes the Terms, and haſtens the Birth. Mix'd with Ox Gall and applyed, it helps the Quinſey and Gout, as alſo Scurf, Morphew, Tetters, Mange, Itch, Puſhes, Scabs, and other defects of the Skin. The wild Cucumer is called Σικυος ἀγρια, *Cucumis agreſtis, Sylveſtris, Erraticus, anguinus, aſininus.*

50. *Bryonia*, Briony, or Wild Vine, hot and dry in 2 deg. It is of two ſorts, white and black. The white is called Βρυωνία, λίλαθρον, καὶ ἄμπελος λευκὴ, *Vitis alba.* The black is called, Βρυωνία μέλαινα, ἢ ἄμπελος μέλαινα, *Vitis nigra.* The white is a Specifick in curing of Dropſies, and the Kings Evil. *Dodonæus* ſaith, that the Root taken every day to ʒj, for a whole year together, cures the Falling-ſickneſs, and helps ſuch as have the Apoplexy and Vertigo: It alſo haſtens and facilitates the Birth; drunk with Vinegar for thirty days, it helps the Scirrhus and hardneſs of the Spleen. It cleanſes the Womb of all manner of Filth, purges Water and Flegm, provokes Urine and the Terms, cures Aſthma's, Dropſies, Gouts, and Fits of the Mother. Outwardly it diſſolves congealed Blood, ripens and breaks Apoſtems, draws forth Splinters and broken Bones, and heals old Ulcers, Scabs, Itch, and Leproſie. The black has the ſame Vertues, but not altogether ſo effectual.

51. *Ebulus*, *Dwarf Elder*; The Bark or Seeds purge Water, and cure the Scurvy Dropſie, and Gout.

52. *Cataputia minor*, *Tithymalus* Τιθυμάλος, the leſſer Spurg, hot and dry in 4 deg. The Seeds or Leaves purge Water, Flegm, and Choler, violently. Give 6 or 12 Seeds, of the Leaves four or five at a time. Outwardly, it bliſters, and takes off Hair.

53. *Gra-*

53. *Gratiola*, Hedge Hyſop, hot and dry in 3 deg. It works upwards and downwards, the Juyce or Extract mightily purges watery, groſs, and ſlimy Humours, cures all Fevers, Dropſies, and diſeaſes coming of cold and watery cauſes, and kills Worms. If you give it in it's own groſs body, firſt dry it, ſteep it in milk, dry it again, and make a powder. doſe 3ß.

54. *Eſula*, ἀπὸ τοῦ ἐσθίω, Wild Spurge, hot and dry in 4 deg. An Extract of the Roots, purges Flegm, chiefly downwards, and cures the Scurvy, Dropſie, and Jaundice. doſe à ℈j. *ad* 3j. The *Milk*, *Seed*, *and Leaves*, are very ſtrong; but the *Roots* are more mild. It may not be uſed till a month after it has been gathered; and if it be yet five or ſix months old, it is yet better. The *Bark of the Root* is moſtly in uſe: It is corrected by infuſing it three days in Vinegar.

55. *Mezereon*, *Laureola*; hot and dry in 4 deg. The Berries are called *Coccci*, or Indian Grains. They exulcerate, cauſe Fevers, weaken the chief parts, and purge water violently. *The Correction* is by ſteeping in Vinegar twenty four Hours. Doſe of the Berries or Leaves in powder, à gr. v. *ad* xij. but it ought not to be given alone.

56. *Ricinus*, *Palma Chriſti*, κὶκι καὶ κρότων the greater Spurge hot and dry in 4 deg. It powerfully purges watery and ſerous Humours, as alſo Flegm and Choler; it is good againſt the Sciatica, Gout, Jaundice, and Dropſie. doſe 12. of the Kernels or Seeds.

57. *Oyl of Elder and dwarf Elder berry ſtones.* It purges Flegm and Water ſtrongly in half a dram, both upwards and downwards.

58. *Black Alder*, or *Frangula*. The inner Bark is chiefly in uſe, which purges ſtrongly, both by Vomit and Stool, all ill Humours, chiefly Water and Flegm, and that violently, and therefore is corrected with Aniſe, Fennel, Cinnamon, and Ginger; doſe *ad* 3 ij.

It helps the Dropſie, Jaundice, Rickets, Scab, Itch, and ſtrengthens the Stomach, Liver, and Spleen.

Hologogues or *Panchymagogues.*

59. *Diaſena*, or Powder of Sena compound, which is given from ʒß *ad* ʒj. in Rheniſh Wine, or with *Electuarium Lenitivum.*

60. *Spina Cervina*, Buckthorn, cold and dry in 1 deg. The Berries purge Choler, Flegm, and watery humours, help Struma's, Cathexia, Dropſie, Gout. Provoke the Terms, &c. doſe in powder, à ʒj *ad* ʒijß. In decoction, à 40. *ad* 60. of the Syrup, from ʒj to ʒij.

61. *Diacatholicon*, or the Univerſal purging Electuary; doſe *ab* ʒj *ad* ʒij. at Night.

62. *Extractum Catholicum Sennerti.* doſe à ʒß *ad* ʒj. It is moſt proper in Dropſies and moiſt humours.

63. *Extractum Panchymagogon Hartmanni.* It is univerſal to all humours, à ℈j *ad* ij.

64. *Extractum Panchymagogum Mynſichti.* It is no ways inferiour to the former; and by many ſuppoſed much before it; it may be given to all Ages, Sexes, and Conſtitutions, à ℈j *ad* ʒj; it pleaſantly purging all Homours without loathing.

65. *Pilulæ Hologogæ*, They perform all that any Pill can be ſaid to do, but they are very ſtrong and powerful, and ought only to be given to ſtrong bodies.

66. *Mel Scilliticum*, Honey of Squills, an admirable Panchymagogue, and may be given as a Preparative to other Panchymagogues.

67. *Confectio Hamech.* This purges all Humours, and from all parts of the Body; but chiefly Salt, Cholerick and melancholy humours, and that principally from the Head. doſe à ʒiij *ad* vj. in Rheniſh Wine, or mix'd with Elect. Lenitive ʒiij.

68. *Tinctura Catholica Grulingii.* It purges all humors, and that from all parts of the Body, pleaſantly and without pain: doſe *ab* ʒj *ad* ʒij.

69. *Tinctura Cathartica Cloſſæi.* It is of the ſame purport

port with the former.

Emeticks or *Vomitories.*

70. *Gentle Vomits. Senecio* or Groundſel, which cools Choler, helps the Jaundice, heat of the Liver, Vomiting, Sciatica, Surfeits, Womens Fluxes, and kills Worms. Outwardly, it helps inflamed Breaſts, Scald Heads, Struma's, pains of the Stomach, and Gout. *Staphis agria*, Staphſacre, hot and dry in 4 deg. The ſeed is emetick, and brings forth groſs Flegm. doſe à ℈ß *ad* gr. xv. To theſe add Salt of Vitriol, Warm water, Simple Oyl, Juyce of blew Flower-de-luce Roots, Roots of Garden Cucumers, Melons, Daffodils, Aſarabacca, Peach-flowers, Rocket and Orach Seed, bark of the Wall-nut-tree full of Juyce, and the Catkins thereof, inner bark of Elder, and dwarf Elder.

71. *Strong Vomits.* White Hellebor, white Virriol, Silver Flowers of Mercury, Emetick Flowers of Antimony, *Mercurius Vitæ*, *Sulphur Antimonii*, *Crocus metallorum*, Glaſs of Antimony, *Aqua Benedicta* of *Quercetan*, *Vinum Helleboratum*, *Aqua Benedicta* Rulandi, *&c.*

CHAP. IV.

Of the Temperament of Medicines.

1. ALL Medicines ſimply conſidered in themſelves, are either, hot, cold, moiſt, dry, or temperate.

The Qualities of medicines are conſidered in reſpect of us, not of themſelves; for thoſe Simples are called hot which heat our Bodies, thoſe cold, which cool them; and thoſe temperate, which work no change at all in us, in reſpect of either Heat, Coldneſs, Dryneſs, or Moiſture. And theſe may be temperate, as being neither hot

nor cold, yet may be moiſt or dry: or being neither moiſt nor dry, yet may be hot or cold; or laſtly, being neither hot, cold, moiſt, nor dry.

2. In Temperature, there is no degree of difference. The differences of the other Qualities are divided into four degrees, beginning at Temperature: So that a medicine may be ſaid to be hot, cold, moiſt, or dry in the firſt, ſecond, third, or fourth degrees.

The uſe of Temperate medicines, is in ſuch caſes, (where there is no apparent Exceſs of the firſt Qualities,) to preſerve the body temperate, to conſerve Strength, and to repair decayed Nature. And note, that thoſe medicines which we call cold, are not ſo called, for that they are really cold in themſelves; but becauſe the degree of their Heat, falls below the Heat of our Bodies: and ſo only in reſpect of our Temperature are ſaid to be cold, being otherwiſe in themſelves really hot; for without heat, there could be no Vegetation, ſpringing, nor Life.

3. Such as are hot in the firſt degree, gently heat our Bodies, being cooled by Nature or Accident, thereby cheriſhing the natural heat, when weak, and reſtoring it when it is wanting.

Their uſe is, 1. To make the offending humours thin, that they may be expelled by Sweat. 2. By outward Application, to abate Inflamations and Fevers, by opening the pores of the Skin. 3. To help Concoction, and keep the Blood in it's juſt Temperature.

4. Such as are hot in the ſecond degree, as much exceed the firſt, as the firſt exceed a Temperature, or our natural Heat.

Their uſe is to open the Pores, and take away Obſtructions, by cutting tough Humours through their own eſſential force, when nature cannot.

5. Such as are hot in the third degree, are more powerful in heating, being able to inflame the Body, and cauſe Fevers.

Their uſe is, to provoke Sweat extreamly, and cut tough Humours, and therefore all of them reſiſt Malig-

nity

nity, Plague, Peſtilence and Poyſon.

6. Such as are hot in the fourth degree, burn the Body, if outwardly applyed.

Their uſe is, to cauſe Inflamations, raiſe Bliſters, corrode the Skin, and expel wind.

7. Such as are cold in the firſt degree, fall as much on the one ſide of Temperature, as hot medicines do on the other.

Their uſe is, 1. To qualifie the Heat of the Stomach, and cauſe Digeſtion. 2. To abate the Heat in Fevers. 3. To refreſh the Spirit almoſt ſuffocated.

8. Such as are cold in the ſecond degree, are chiefly of uſe to abate Inflamations.

9. Such as are cold in the third degree, are ſuch as have a repercuſſive force.

Their uſe is, 1. To drive back the matter, and ſtop Defluxions. 2. To make the Humours thick. 3. To limit the Violence of Choller, repreſs Sweat, and keep the Spirits from fainting.

10. Such as are cold in the fourth degree, are ſuch as ſtupifie the Senſes.

They are uſed, 1. In violent Pains. 2. In extream Watchings, and the like Caſes, where Life is diſpaired of.

11. Drying medicines conſume the Humors, ſtop Fluxes, ſtiffen the parts, and ſtrengthen nature. *But if the Humidity be exhauſted already then theſe conſume the natural ſtrength.*

12. Such as are dry in the firſt degree, ſtrengthen; in the ſecond degree, bind: In the third, ſtop Fluxes, but ſpoil the Nouriſhment, and bring Conſumptions; In the forth degree, dry up the radical moiſture, which being exhauſted, the Body muſt needs periſh.

13. Moiſt medicines are oppoſed to drying; they are Lenitive, and make ſlippery.

Theſe cannot as ſome ſay, exceed the ſecond degree, becauſe they ſay, heat dries up the Humidity, and cold congeals it; but ſuch are miſtaken, for if the cold or heat is not exceſſive, or the medicine be temperate, it may be humid to the fourth degree.

14. Such

14. Such as are moiſt in the firſt degree, eaſe coughing, and help the Roughneſs of the Wind-wipe; in the ſecond, loſen the Belly; in the third and fourth, make the whole Habit watery and flegmatick, filling it with Dropſies, Lethargies, and ſuch like dull diſeaſes.

15. Thus medicines alter according to temperature, whoſe active qualities are heat and cold, and whoſe paſſive are Dryneſs and Moiſture.

16. The Active qualities eradicate diſeaſes. The paſſive are ſubſervient to Nature.

So hot medicines may cure the Dropſie, by opening Obſtructions; and the ſame may cure the yellow Jaundice by it's attractive quality, in ſympathizing with the Humour abounding: cold medicines may compreſs or abate a Fever, by condenſing the hot Vapors; and the ſame may ſtop any fluxe, by it's congealing power; dryneſs or moiſtneſs, all this time, only aſſiſting of Nature. Thus much of Temperaments in general.

CHAP. V.

The Temperaments limited.

1. *Medicaments Temperate, chiefly in reſpect of Heat or Cold.* Bears Breech, Aſparagus, Ladies Thiſtle, Eringo, Mallows, Mechoacan, Garden Parſnips, Cinkfoile, Wall Rue, common Maidenhair, black and golden Maidenhair, Wood roof, Bugle, Harts tongue, ſweet Trefoil, common Trefoil, flix weed, *Paul's* Betony, Lluellin, Liquorice, Pine Kernels, Jujubes, Figs, Sebeſtens, Raiſins, Currans, Dates, Gum Elemi, Tragacanth, Arabick Veal Suet, Goats Suet, Hogs Greaſe, Sweet Oyl, Sweet Almonds, Gheſtnuts.

2. *Me-*

2. *Medicaments hot in the first degree*, Roots of Marſhmallows, Bugloſs, Satyrium, *Leaves* of Avens, Eye-bright, Chervil, Cowſlips, Self-heal, Burnet, Marſhmallows, Borage, Bugloſs, Colworts, Camomile, Dodder, Liverwort, Agrimony, Fumitory, Toad-flax, Melilot, Malabathrum, Spicknard, Scolopendrium, Colts-foot. *Flowers* of Borage, Bugloſs, Betony, Ox-eye, Melilot, Camomil, Stæchas, Groundſel. *Seeds* of Coriander, Fænugreek, Line, Gromwel, Seſamus, Beans, Peaſe. *Fruits*, Cypreſs-nuts, green Wallnuts, ripe Grapes, Mulberries, fragrant Apples. *Barks* of Aſh-tree, Tamarisk. *Gums, &c.* Sugar, Bdellium, Labdanum, Gum Hædera. *Fats* of a Kid, Doe, Hart, freſh Butter.

3. *Hot in the ſecond Degree. Roots* of Smallage, Capers, Parſly, Fennel, Lovage, Spignel, Reeds, Waterflag, Swallow-wort, Aſphodel male, Carline Thiſtle, *Cyperus* long and round, Mercury, Devils bit, Butter Bur, Hogs Fennel, Sarſaparilla, Pimpernel, Zedoary. *Leaves* of Common and *Roman* Wormwood, Maudlin, Ladies mantle, Calves Snout, Dill, Smallage, Pimpernel male and female, Mugwort, Clary, Coſtmary, Betony, *Calamus odoratus*, Oak of Jeruſalem, Marigolds, Chamæpytis, Cookow Flowers, Fænugreek, Hipericon, Joy, Hops, Broom, Alehoof, Alexanders, Double Tongue, Bawm, Horehound, Parietary, Archangel, Bays, Parſly, Polly mountain, Sage, Sanicle, Scabious, Senna, Soldanella, Vervain, Perwincle, Scordium, Stæchas. *Flowers* of Amomum, Gilliflowers, Saffron, Bawm, Rocket Jeſamy, Wall-flowers, Winter Gilliflowers, Woodbine. *Seeds* of Dill Smallage; Orobus, Rocket, Bazil, Nettle. *Fruits*, Capers, Fiſtick-Nuts, Dry Figs. *Barks*, Caſſia Lignea, Frankincenſe Caper Roots. *Gums*, &c. Maſtick, Frankincenſe Galbanum ſtorax. *Fats*, of the Lyon, Panther, Bear, Fox greaſe, Gooſe greaſe, Ducks greaſe.

4. *Hot in the third Degree*, *Roots* of Angelica, Birthwort

wort long and round. Sowbread, Asarabacca, Acorus, Squills, Briony white and black, Dictamus, Doronicum, Celandine, Virginea Snake-root, Galangal, both Hellebors, Elecampane, Orrice, Radish, Turmerick, Filipendula, stinking Gladon, Turbith. *Leaves* of Southernwood, male and female, Asarum, Agnus castus, Amomum, Bishops-weed, Baccharis, Dittany, Brooklime, water Cresses, Carduus ben: Centory greater and less, Scurvy-grass, Marjoram, Tobacco, Rosmary, Lavender, Calamint, Germander, Calandine, Pilewort, Flebane, Dwarf, Elder, Epithymum, Herb masstick, Featherfew, Mint, Origanum, Pennyroyal, Savory, Time, Rue, Savin, mother of Time, Spike, Mentastrum, Cnicus, Elecampane, Hyssop, Nigella, Ænanthe, Bind-weed, Sneezwort, Water mint, Nettles, *Flowers* of *Agnus Castus*, Epithemum, Leucoium, Hops, Cloves, Ænanthe, Crowfoot. *Seeds* of Annis, Carraways, Amomum, Bishops weed, Cardamons, greater and lesser, Fennel, Carrot, Cumin, Smallage, Parsly, Nigella, Navew, Hurtwort, Staveacre, *Agnus Castus*, *Fruits* of Juniperberries, Cubebs, Anacardiums, bitter Almonds, Bay berries, Nutmegs. *Barks*, Mace, Cinnamon, Oranges, Limons, Citrons, Winters Cinnamon, Guajacum. *Gums*, &c. Benjamin, Assa Fætida, Aloes, Myrrh, Ammoniacum, Cedar pitch, Opopanax, Musk. *Metals*, Flower of Brass, burnt Brass, Scales of Brass, Verdigrise, Diphryges, Alum, Salt, Niter, Sulphur.

5. *Hot in the fourth Degree.* *Roots* of Aron, Master-wort, Dragons, Garlick, Onions, Leeks, Pellitory of Spain, Costus, Gentian, Ginger. *Leaves* of hot Arsmart, Dittander, Sciatica Cresses, Garden Cresses, Stone Crop, Leeks, Crowfoot, Rosa solis, Spurge, Mezereon. *Seeds* of Mustard, Water Cresses, Onions. *Fruits*, Pepper white black, and long, *Guiny* Pepper, *Jamaica* Pepper. *Gums &c.* Euphorbium. *Minerals*, Vitriol, Orpiment, Sandarach, Chrysocolla, Misie, Sory.

6. *Cold*

6. *Cold in the first degree.* *Roots* of Sorrel, Beets white and red, Comfry, Plantane, Roſe root, Madder. *Leaves* of Sorrel, Wood ſorrel, Arach, Burdock, Shepheards Purſe, Parietary, Hawk weed, Yarrow, mild Arſmart, Colts foot, Violets, ſharp pointed Dock, Apple tree, Myrtle. *Flowers* of Roſes, Violets. *Seeds* of Barley, Millet, Rice. *Fruits*, Fleſh of Quinces, Citrons, Limons, Pears, Prunes. *Gums*, &c. Acacia, Dragons Blood. *Stones*, Hyacinth, Saphir, Smaragd.

7. *Cold in the ſecond Degree.* *Roots* of Ravet, Daſies, Endive, Succory, Hounds Tongue, Hyacinth. *Leaves* of Blite, Chickweed, wild Tanſie, Knotgraſs, Succory, Buck horn, Plantane, Dandelion, Endive, Fumitory, Straw berries, Lettice, Willow, Purſlane, Ducks meat, Hyacinth, Sorrel, *Solomon's* Seal, Fleawort, *Flowers* of yellow Anemone, Endive, Succory, Water Lillyes, white and yellow. *Seeds* of Endive, Lettice, Purſlane, Succory, Gourds, Citruls, Cucumbers, Melons, Pompions, Sorrel, Nightſhade. *Fruits* of the Gourd, Winter Cherries, Cucumber, Melon, Pompion, Peach, Pomgranate, Prune, Galls, Sowre Apples. *Juyces* of Oranges, Lemons, Citrons, Apples. *Woods*, of Sanders.

8. *Cold in the third degree.* *Roots* of Biſtort, Houſleeks. *Leaves* of Houſleek, Nightſhade, Hemlock. *Flowers*, Balauſtians or Pomgranate Flowers, Corn poppies. *Seeds* of Hemlock, Henbane, Poppy, Nightſhade. *Fruits*, Golden Apples, Mad Apples, Mandrake Apples. *Gums*, &c. Hypociſtis.

9. *Cold in the fourth degree.* *Roots* of Mandrake, Henbane, Poppy. *Leaves* of deadly Nightſhade, Henbane, Mandrakes, Poppies. *Flowers* of Henbane, all ſorts of Poppies, except field or corn Poppies, Nightſhade, Mandrake. *Fruits* Stramonium, or Thorn Apple. *Juyces*, Meconium, Opium (according to the vulgar Opinion) Juyce of Henbane, deadly Nightſhade, Mandrakes.

10. *Dry in the firſt Degree.* *Roots* of Madder, Tamariſk, Bears

Bears Breech, Burdock, Red beet, *Calamus Aromaticus*, Pilewort, Self heal, Endive, Eringo, Sacynth. Knee-holly. *Leaves* of Agrimony, Cleavers, Burdock, Beet, Colworts, Camomil, Fennel, Jacynth, Malabathrum, Myrtle, Mullein Shepheards purſe, Ladies thiſtle, Chervil, Eye bright, Cowſlips, Hawk-weed, Tongue blade, Melilot, mild Arſmart, Self heal, Sena, Flixweed, Coltsfoot, Perwincle. *Flowers* of Ox-eye, Cowſlips, Camomil, Saffron, Hyacinth, Melilot, Roſes. *Seeds* of Beans, Fænugreek, Barley, Wheat, Fennel. *Fruits*, Juniper berries, Cheſtnuts. *Gums*, Olibanum. *&c.* Frankincenſe,

11. *Dry in the ſecond Degree*, *Roots* of Capers, Succory, Radiſh, Waterflag, Alkanet, Smallage, Reeds, Swallowort, Aſphodel male, Baſil, Valerian, Spatling, Poppy, Ladies Thiſtle, Avens, Succory, Hounds tongue, Cyperus long and round, Fennel, Lovage, Spignel, Mercury, Devils bit, Butterbur, Parſly, Plantane, Buckhorn, Zedoary. *Leaves* of Pimpernel, Mugwort, green Dill, Betony, Dodder, Shepherds purſe, Horſe tail, Tooth pick, Mint, Wild mint, Plantane, Roſmary, Spicknard, Comfry, Fumitory, Burnet, Sorrel, Vervain, Shepheards Rod, Common and *Roman* Wormwood, Wood Sorrel, Maudlin, Ladies mantle, Smallage, Wild Tanſie, Diſtaff thiſtle, Coſtmary, Betony, Bugle, Cookow Flowers, Carduus ben. Averis, Centory the leſs, Succory, Scurvy Graſs, Dandelion, Indian Leaf, Strawberry Leaves, Broom, Alehoof, Alexanders, Archangel, Nettles white and red, Bay leaves, Marjoram, Fetherfew, Bawm, Mercury, Devils bit, Tobacco, Parſly, Bucks horn, Willow Leaves, Sage, Sanicle, Scabious, Soldanella. *Flowers* of Pomgranates, Peony, Anemony, Groundpine, Bind-weed, Stechas, Roſmary, Amomus, Clovegilliſer, Rocket, Sage, Burnet, Lavender, Spicknard. *Seeds* of Dill, Garden Creſſes, Lentils, Orobus, Millet, Rice, Barley. *Fruits* of the Quince tree, Capers, Cypreſs nuts, Balanus Myrepſica, Nutmegs, Pear

Piſtich Nuts, Pine Nuts, Bay berries. *Woods* of Sanders, Guajacum, Saſſaphras, Caſſia Lignea. *Gums &c.* Galbanum, Opponax, Stone pitch, Storax, Maſtick, Honey.

12. *Dry in the third degree.* *Roots* of Birthwort long and round, Angelica, Sow bread, Acorus, Aſarum, Doronicum, Galangal, Cinkfoil, Squill, Wood Sorrel, Trefoil, Biſtort, Bryony white and black, Carline thiſtle, China, Celandine, *Virginian* Snake root, white Dittany, Elecampane, Filipendula, Galanga greater and leſſer, Orrice, *Engliſh* and *Florentine*, Reſt harrow, Peony, male and female, Hogs Fennel, Sarſaparilla, ſtinking Gladdon, Tormentil, Ginger. *Leaves* of Angelica, Southernwood male and female, Brookſime, Fearn, Yarrow, Cinkfoil, Polium, Trefoil, Briony white and black, Calamint, Germander, Chamepytis, Worm-wood, dry Dill, Biſhops weed, Aſarum, Pilewort, Fleabane, Epithymum, Ebulus, Bank Creſſes, Clary, Lavender, Lovage, Chamedrys, Hyſop, Juniper, Marjoram, Horehound, Origanum, Parſly, Sneezwort, Herb Maſtich, Mint, hot Arſmart Pennyroyal, Rue, Savin, Willow, winter and ſummer Savory, water Mint, Time, Mother of Time, Spicknard, Tanſie. *Flowers* of Epithymum, Cloves, Wood bine, Germander, Chamæptitys, Bind weed, Balauſtians. *Seeds* of Dill, Smallage, Biſhops weed, Amomum, Aniſe Carraway, Cumin, Coriander, Nigella, Gromwel, Parſly, Agnus caſtus, Grana Tinctorum. *Fruits*, Nutmegs, Galls, Carpobalſamum, Juniper berries, unripe Bramble berries, unripe Mulberries, Acorns. *Gums* &c. Aloes, Acacia, Acetum, Camphir, Musk, Myrrh, *Minerals*, Flowers of Braſs, burnt Braſs, Scales of Braſs, Alum, Salt, Sulphur, Niter, Diphryges, Calcitis.

13. *Dry in the fourth Degree*, Roots of Pyrethrum, Coſtus, Dragons, Onions, Leeks, Garlick, black and white Hellebor, Gentian. *Herbs*, all ſorts of Creſſes, Maſterwort, all the ſorts of Spurge, Aron, Dragons, all the ſort of Crowfoot, Rue, wild Rue, Onions, Leeks, Gar-

Garlick, *Flowers* of Crowfoot. *Seeds* of Muſtard, Treacle Muſtard, Rocket, Poppie. *Fruits*, all the ſorts of Pepper. *Barks*, Cork, Cinnamon, Winters Cinnamon, Pomgranate Peels, Mezereon, Oak, Frankincenſe tree, Mace. *Minerals*, Verdigriſe, Vitriol, Orpiment, Sandarach, Chryſocolla, Miſie, Sory, Lead.

14. *Moiſt in the firſt degree.* *Roots* of Satyrium, Bugloſs, Rapes, Parſnips, Daſies, white Beets, Graſs, Scorzonera, Skirrits. *Herbs*, Borage, Bugloſs, Pariotary, Bazil. *Flowers* of Borage, Bugloſs, Mallows, Endive, Succory. *Seeds* of Mallows, Seſamus. *Fruits*, Pulp of Citrons, Jujubes, Sweet Almonds, the greater cold Seeds. *Gums*, &c. Manna, Sugar.

15. *Moiſt in the ſecond degree*, *Roots* of water Lillyes, Purſlane, Lettice. *Herbs*, Violets, water Lillyes, Orach, Blite, Daſies. *Flowers* of water Lillies, Violets, Henbane, Poppies. *Fruits*, Apples, Peaches, Damask Prunes, ripe Grapes.

16. *Moiſt in the third Degree.* *Herbs*, Chick weed, Southiſtles, Hemlock. *Fruits*, Gourds, Melons, Pompions, Cucumers.

17. *Moiſt in the fourth degree.* *Herbs*, Lertice, Purſlane, Ducks meat. *Fruits*, Nightſhade berries. *Liquors*, Fair-water, Rain-water, Dew, diſtilled waters from cold and moiſt things.

CHAP. VI.

Of the Appropriation of Medicines.

1. CEphalicks, *are ſuch medicines as are appropriatrd to the Head, and help againſt ſuch Diſeaſes as it is ſubject to.*

§ 1. *Cephalicks* are ſome hot, ſome cold, and ſo manifeſtly alter the diſpoſition of the Head; or elſe, by an occult property, in changing the

the diſpoſition of the mind by their ſweet Scent, pleaſing Harmony, delightful Signature, or excellent Taſt. § 2. They are known (moſt of them) from their Signatures, from their Warming, cleanſing, cutting, and drying; and from their thin, ſubtle, volatile and ſpiritual Subſtance and Property. § 3. Cooling Cephalicks are uſed in watchings and head-aches; heating Cephalicks, in Dullneſs, Heavineſs, and Sleepineſs. § 4. If the Brain be afflicted, before you ſtrengthen it, purge and cleanſe it; and when you purge it, let it be done with Cephalicks: but firſt be ſure to purge and cleanſe the whole body, leſt the head be ſoon filled with Vapors again. § 5. In purging and cleanſing of the Brain, Cephalick Pills, and other purging Medicines, are commonly uſed; but theſe are not the beſt things. God and Nature have ordained another way of purging the head and brain, which is, by the Noſtrils. In this caſe, ſolid *Errhines* are beſt, and of great power and force to cleanſe and bring away all Impurities: Theſe, ten or twelve times uſed, will cleanſe the Brain, and bring away more filth and corruption, than ten thouſand Internal Purges given in Pills, Potion, or what other form you pleaſe. § 6. The Brain and Head being purged by theſe ſolid *Errhines* not only much relieves the head, eaſes head-aches, takes away Dulneſs and Drowſineſs, *&c.* but it is of excellent uſe in all Diſtempers of the Eyes, Ears, Throat, Amygdala's, *&c.* in all *Strumous* or *Scrophulous* Tumors of the Neck, defluxions of Humors, Rhumatiſms, *&c.* by drawing a vaſt Flux of matter from all thoſe parts by the Noſtrils. § 7. Under the name of the Head are contained the Eyes, Ears, Noſe, Pallet and Teeth; and moſt things (if not all) which reſpect the Brain, reſpect them alſo. § 8. In Externals, apply not to the Eyes, things too hot, ſharp, hard, biting, nor viſcous; nor yet things oyly. To the Noſe apply not things ſtinking, becauſe they hurt the brain. § 9.

The Pallate requires things grateful, becauſe otherwiſe the Stomach would be ſubverted. The Ears require warming and drying medicines, becauſe they are cold and dry in Subſtance. § 10. The Teeth are ſoon hurt with ſowre, ſharp, and auſtere things, becauſe they are not covered with either Fleſh or Skin to defend them. They require things cleanſing and binding; ſweet and fat things rot them.

2. Pectorals, *Are ſuch as are appropriated to the Breaſt and Lungs, and theſe either regard the parts afflicted, or the matter afflicting.*

§ 1. In ulcerated Lungs, things glutinative and binding are uſed, which are naturally enemies to the Lungs, becauſe they hinder reſpiration and cleanſing; but Lenitives are moſt proper, becauſe they open and remove the matter which ſticks, and cauſe free breathing, as alſo eaſie ſpitting. § 2. In Diſtillations, if the matter be ſo thin, that it cannot be expectorated, it muſt be made thicker; if too thick, it muſt be cut, and made thinner. § 3. Thoſe things which make thick, are cold by nature (as Poppies, Opium, *&c.*) Thoſe which make thin are hot, (as Bawm, Coltsfoot, *&c.*) But ſuch are natural Pectorals, whoſe eſſential Properties, are to ſtrengthen the Breaſt and Lungs.

3. Cordials *are ſuch medicines as are appropriated to the Heart; and theſe, by a ſingular Property, chear, comfort, and revive the Spirits.*

§ 1. The heart is afflicted, either by too much heat, by Vapors, or by Poyſon: and therefore ſuch things as cool the heat of Fevers, ſtrengthen the heart, and reſiſt poyſon, are *Cordials.* § 2. Yet are not all cold things cordial; for Henbane is cold, as well as Coral or Pearls, yet not a Cordial as they are. § 3. And of *Counter Poyſons*, ſome ſtrengthen the heart againſt Poyſon; others by Antipathy oppoſe it. § 4. Such things as ſtrengthen it, do it either by Similitude or by Attraction, which is a forceable drawing away of what offends.

4. Ore-

4. Orecticks or Stomachicals, *are Medicines appropriated to the Ventricul or Stomach, which by a pleaſing Sharpneſs, contract it, and by a grateful Taſt delight it.*

§ 1. Their uſe is, firſt in loſt Appetite; ſecondly, in Concoction weakned: thirdly, in the Retentive Faculty deſtroyed. § 2. The firſt is cured by cleanſing and acid things: the ſecond by Aromatical, heating, and ſtrengthning things: the third (from whence comes belchings, Vomitings, *&c.*) by Aſtringent Medicines. § 3. The firſt ought to be given after due cleanſing of the Stomach; the ſecond before meat, for ſo the Concoction is beſt helped: the third againſt Vomiting, after meat.

5. Hepaticals *are ſuch Medicines as are dedicated to the Liver, to open Obſtructions, to ſtrengthen it, and to correct it's Vices.*

§ 1. Such things delight and ſtrengthen the Liver, as are ſweet, and do gently bind: (but becauſe the Liver is moſt ſubject to Obſtructions, have a care of great Binders.) § 2. Such things correct it's Vices, as either hinder Obſtructions, or open them; and theſe are ſuch as cut, attenuate, and cleanſe, with a gentle heat. § 3. But if after Obſtruction, there be Inflamation, you muſt uſe cooling Hepaticks. Here then beware, that you hurt not the concoctive Faculty, or ſo cool the Diaphragma, as to hinder breathing.

6. Spleneticals, *Are ſuch things as are appropriated to the Spleen, the Seat (as ſome ſuppoſe) of Melancholy.*

§ 1. And theſe are ſuch as are appropriated to *Atrabilis* or *Melancholy*; and do remove Obſtructions of the Spleen, ariſing from that humour. § 2. This is done, firſt by cordial, cooling, and moiſtning medicines. Secondly, by opening and cutting Medicines, which differ from Hepaticks in this, that theſe are more looſing, thoſe more binding, by *Sect.* 5. § 1.

7. Nephriticks *or* Renals. *are ſuch medicines as are dedicated to the Reins and Bladder, remedying their Vices.*

§ 1. The Urine is ſtopped by Stones, Humours, or Inflamations, and therefore, thoſe Medicines, 1. Either break the Stone, 2. Or cut groſs Humors. 3. Or cool and cleanſe. § 2. Binding things in theſe Caſes are dangerous, becauſe they ſtop Urine; and therefore thoſe are only proper, which are Lenitive, cut and extenuate, without violent Heat.

8. Hyſtericals *are ſuch things as are appropriated to the Womb, and theſe are moſt of them Cephalicks.*

§ 1. Theſe are known chiefly by their Scent; for ſweet ſcents draw the Womb that way they are applyed; ſtinking Scents the contrary. § 2. The Reaſon is, becauſe it ſympathizeth with the head and Brain, from whence the nervous parts take their beginning. § 3. And therefore thoſe are ſaid to be *Hyſtericals*, which (as well as by their intrinſick Vertue) have a power or force in their Scent, to repreſs Vapors and fits of the Mother.

9. Arthriticals *are ſuch Medicines as are appropriated to the Joynts, having a drying, heating, and gentle binding quality.*

§ 1. Their uſe is either in eaſing of Pains, or ſtrengthning the part that is weakned. § 2. Pain is either taken away (by taking away it's cauſe) or aſſwaged. § 3. It is aſſwaged by Anodyns, when the Symptons are ſo great, as to cauſe Fluxion, Inflamations or Fevers. § 4. If you reſpect the part, uſe Anodyns; if the pain Narcoticks. § 5. If by the pain there be an Influxion, 'tis a Sign the matter proceeds of Blood or Flegm. § 6. Such things as take away the Cauſe, are ſtrong Cephalick Drawers and Cutters. § 7. After the Pain is ceaſed, and the cauſe taken away, apply Aſtringents, not only to ſtrengthen the parts lately weakned, but alſo to hinder future Defluxions.

CHAP.

CHAP. VII.

Of hot Medicaments appropriate.

1. *Heating the Head.* Doronicum, Fennel, Peony, Spicknard, *Winter* his Cinnamon, Betony, Coſtmary, Carduus ben. Cowſlips, Eye-bright, Featherfew, Goats Rue, Herb Maſtich, Lavender, Laurel, Lovage, Maudlin, Melilot, Time, Pennyroyal, Roſma-Celandine, Scurvy-graſs, Sneezwort, Sena, Vervain, Camomil, Sage, Stœchas, Anacardiums, Cubebs, Nutmegs, Lilly convally, Primroſe; Roots of Birthwort, Maſterwort, Acorus; Coriander-Seed; Kermes, Bay and Juniperberries, Cardamoms, Cloves, Miſletoe of the Oak, Frankincenſe, Storax, Amber, Ambergriſe, Musk, Caſtoreum; Limons, Oranges, chiefly the Rinds; Black cherries, Rue, Marjoram, Centory, Spicknard. *Add theſe Ophthalmicks*; Valerian, Fennel, Celandine, Eye-bright, Pimpernel, Roſmary, Aniſeeds, Rue, Saffron, Centory the leſs, Betony, Lignum Aloes, Flowers of Hypericon, Melilot, Seeds of Clary, Line; Honey, Treacle, Mithridate, Aloes, White Vitriol, Tutia, White and Rheniſh wines.

2. *Heating the Throat.* Devils-bit, Pilewort, Archangel white and red, Black and white Pepper, Honey, Sugar, Ginger, Cloves, Cardamoms, Vitriol, Orange and Limons Peels, Garlick, Leeks, Onions, Horehound, Musked Cranes-bill, Verbain, Turneps, Muſtard-Seed, Ground Ivy, Ivy berries, Camphir, Nutmegs.

3. *Heating the Breaſt and Lungs.* Birthwort, *Calamus Aromaticus*, Cinkfoil, Elecampane, Liquorice, Orrice, Squills, Caſſia Lignea, Cinnamon, Betony, Bays, Bawm, Calamint, Camomil, Diſtaff Thiſtle, Fennel, Germander, Hyſop, Horehound, Indian

Leaf, Maiden hair, Nettle, Oak of Jeruſalem, Organy, Perwincle, Rue, Scabious, Time, Schænanth, Dates, Figgs, Raiſons, Coltsfoot, Pimpernel, Scordium, Dragons, Soapwort, Fluellin, Ground Ivy, Spotted Lungwort, Spicknard, Sea graſs, wild Rue, *Siler montanus*, Chervil, Carduus ben. Southernwood, Saffron, Saſſafras, Guajacum, Orange Peels, Fine Bole, Ammoniacum, Turpentine, Myrrh, Frankincenſe, Olibanum, Aniſeeds, Carraways, Fennel Seeds, Sage, Fæcula of Aron, Coſtus, Orrice root, Wall-flowers, Cummin ſeed, Muſtard ſeed, Pepper, Grains of Paradiſe.

4. *Heating the Heart.* Angelica, Butterbur, Bazil; Cinnamon, Citrons, Carline Thiſtle, Doronicum, Scorzonera, Tormentil, Valerian, Zodoary, Pimpernel, Bays, Bawm, Broom, Carduus ben, Rue, Goats Rue, Roſmary, Southernwood, Sena, Saffron, Spicknard, Juniperberries, Mace, Nutmegs, Wall-nuts, Maſtard ſeed, Scordium, Devils bit, Camomile, Dictamnus, Maſterwort, Swallow-wort, Biſtort, Contrayerva, *Virginian* Snakeroot, Cochinile, Sage, Scabious, Fluellin, Cardiaca, Garden and wild Creſſes, Gentory, Borage, Bugloſs, Seed and Peels of Oranges, Limons, Citrons, Lignum Aloes, Myrrh, Camphir, Benjamin, Maſtich, Amber, Amber griſe, Fine Bole, *Terra Sigillata*, Bezoar ſtone, Harts Horn, Rhinoceros Horn, Bone of a Stags heart, Cloves, Gentian, Vervain, Marigolds, *Indian* Nut, berry Kermes, Elecampane, Oyl of Cinnamon, Burnet, *Calamus Aromaticus*, Spirits of Wine, Honey, and Sugar.

5. *Heating the Stomach.* Avens, Fennel, Galangal, Ginger, Rhadiſh, Spicknard, Enula, Caſſia lignea, Cinnamon, Citrons, Limons, Oranges, Saſſafras, Bays, Bawm, Broom, Hyſop, Indian Leaf, Mint, Time, Parſly, Sage, Schænanth, Smallage, Worm-wood, Roſmary, Cloves, Mace, Nut-megs, Almonds, Nut ben, Pine-nuts, Olives, Aniſe, Carraways,

ways, Ammi, Cardamoms, Cubebs, Cumin; Pepper the three ſorts, Burnet, Rhapontick, Zedoary, Motherwort, Acorus, Grains of Paradiſe, Fennel-ſeed, Coriander, Juniperberries, Bay berries, Aloes, Xyloaloes, Maſtich, Spirit of Wine, Saſafras, Hypericon, Labdanum, Tacamahacca, Styrax calamita, Balſamum verum, de Peru, de Tolu, Stæchas Camomil.

6. *Heating the Liver.* China, Carline Thiſtle, Dogs graſs, Fennel, Gentian, Parſly, Rhubarb, Smallage, Sparagus, Turmerick, Agrimony, Alecoſt, Aſh, Bays, Aſarum, Centaury minor, Chamepytis, Germander, Fox gloves, Hops, Hore-hound, Harts tongue, Maiden-hair, Time, Ladies Thiſtle, Maudlin, Pimpernel, Celandine, Sampire, Sage, Scordium, Water Creſſes, Camomil, Betony, Elder, Annis, Caraway, Ammi, Cumin, Amomus, Schænanth, Kneeholy, Eringo, Capers, Reſt harrow, Madder, Burnet, Eupatorium, Horſeradiſh, Squills, Rhapontick, Centory, Liverwort, Spike, Brooklime, Seeds of Oranges, Limons, Citrons, Juniper berries, Cinnamon, Zedoary, Caſſia Lignea, Lignum Aloes, Guajacum, Yellow Sanders, Worm-wood, Hops, Broom, Scurvy graſs, Chervil, Muſtard Seed.

7. *Heating the Spleen.* Aſh, Round Birthwort, Capers, Carline, Ferne, Fennel, Gentian, Parſly, Sparagus, Bays, Agrimony, Centaury minor, Ceterach, Chamepytis, Dodder, Germander, Hops, Horehound, Harts tongue, Maidenhair, Time, Smallage, Sampire, Sage, Scordium, Sena, Tamarisk, Water Creſſes, Worm-wood, Betony, Wall-flowers, Aniſe, Caraways, Rue, Peach-Kernells, Ammoniacum, Galbanum, Opopomax, Bdellium, Broom, Roots of Ferne, (which are Speciſicks) of Florentine, Orrice of Scorzonera, of Avens, of Horſe Radiſh; Scurvy graſs, Black Hellebor, Chervil, Muſtard Seed, Wild Parſnip; Leaves of Scolopendrium Verum, Brook lime, Dead Nettle, Saffron, Saſſafras, Xyloaloes, middle Rind of Aſh, and Elder roots,

Acorus, Bawm, Burnet, Juniperberries.

8. *Heating the Bowels.* Ginger, Valerian, Zedoary, Ground Ivy, Alexanders, Camomil, Lignum Rhodium, Xyloaloes, Saſſafras, Bay and Juniper berries, Aniſeeds, Caraway, Cumin, Seeds and Roots of Parſly, Parſnip, Dill, Fennel, Chervil, Smallago, Garlick, Leeks, Onions Coſtus, Galanga, Hog Fennel, Spicknard, Indian and Celtick, Pellitory of the Wall, Savory, Tanſie, Schænanth, all the ſorts of Pepper, Hartwort, Worm-ſeed Manna, Sugar, Honey, Oyls of Olives, Almonds, ſweet and bitter, of Peach Kernels, Oyl of Ben, Oyl of Wallnuts.

9. *Heating the Reins and Bladder.* Bazil, Burdock, Carline Thiſtle, *China*, Cyperus, long and round, Dropwort, Knee-holly, Marſh mallows, Parſly, Smallage, Aſparagus, Spatling Poppy, Spicknard, White Saxifrage, Valerian, Saſſafras, *Lignum Nephriticum*, Agrimony, Betony, Brooklime, Bays, Broom, Chervil, Coſtmary, Camomil, Clary, Germander, Hops, Melilot, Time, Nettles, Organy, Pimpernel, Pennyroyal, Rocket, Sampire, Schænanth, Scordium, Toadflax, Vervain, Almonds, Juniperberries, Raiſins, Cicers, Gromwel, reſt Harrow, Liquorice Parietary, Elder, Winter cherries, Turpentine, Burnet, Featherfew, Flowers of Hypericon, Peach ſtone Kernels, Oyls of ſweet and bitter Almonds, Cherry ſtone Kernels, Peaſe, Beans, Oak of Jeruſalem, Caſſia Fiſtula, Caſſia Lignea, Saffron, Tamarisk, Myrrh, Gum Guajaci, *Lapis Judaicus*, *Lapis Nephriticus*, Stones of Peaches, Crabs Eyes, Earth worms, Egg ſhells, Jaws of a Pike, Spirit of Salt, of Turpentine, of Elder berries, of Vitriol, Waters of Perſicary, Hydropiper, Reſt harrow, Saxifrage, Oyl of Juniperberries, *Elixir proprietatis*, Tartar Vitriolate; Salts of Reſt harrow, of Broom, of Beans, of Bean Stalks, of Nettles; Extracts of Veronica and ground Ivy, Syrup of the Juyce of Parietary.

10. *Heat-*

10. *Heating the Womb.* Peony, Valerian, Burdock, Angelica, Pimpinella, Briony round Birthwort, Mugwort, Rue, Mercury, Featherfew, Savin, Betony, Elder, Hypericon, Stæchas, Spicknard, red Vetches, Roſmary, Indian Nut, Juniper berries, Oranges, Cinnamon, Nutmegs, Caſſia Lignea, Saffron, Cardamoms, Aſh, Pepper, Caſtorem, Laſerpitium, Cubebs, Xyloaloes, Guajacum, Hyſop, Zedoary, Amber, Ambergriſe, Musk, Civet, Oyl of Cloves, Aſſa fætida, Olibanum, Labdanum, Bdellium, Caranna, Benjamin, Galbanum, Ammoniacum, Sagapenum, Opoponax, Myrrh, Gum Guajaci, Sweet Marjoram, Bawm, Motherwort, Acorus, Oyl of Amber, Spirit and Tincture of Caſtor; Oyls of Rhodium, Mace, Nutmegs and Cinnamon, of Wall flowers, of Angelica, Rue, of Caſtor and Scorpions; Tincture of Pepper white and black.

11. *Heating the Joynts.* Branca Urſina, Coſtus, Ginger, Hermodacts, Iallop, Mechoacan, Agrimony, *Hydropiper*, or hot Arſmart, Aſarum, Camomil, Coſtmary, Garden Creſſes, Cowſlips, Hypericon, Melilot, Roſmary, Rue, Sciatica Creſſes, Water Creſſes, Stæchas, Sage, Bays, Spicknard Indian and Celtick, *Calamus Aromaticus*, or Acorus, Juniper berries, Chamepytis, or Gout Ivy, Tree Ivy, Doronicum, Peony male and female, Flixweed, Aſh-tree leaves, Bay leaves, Pellitory of the Wall, Lavender, Turpentine, Galbanum, Saga penum, Opopanax, Ammoniacum, Myrrh, Bdellium, Roſin, Colophony, *Oleum Nervinum*, Oyl of Nutmegs, Figs, Wall-nuts, Raiſins, Greek Pitch, Pine Roſin.

CHAP.

CHAP. VIII.

Of Cold Medicaments appropriate.

1. *Cooling the Head*, Mandrake, Lettice, Purſlane, Plantane, Nightſhade, Henbane, Water Lillyes, White Poppies, white Roſes, Violets, Gourd, Cucumer, Melon, Opium, Houſleek, Leaves of the Vine, Willow, Venus Navel, Juyce of the Birch-tree, Water and Oyl of Froggs. *Add theſe Ophthalmicks*: Roots and Leaves of Succory, Succory Flowers, Straw berries, Rape, Fumitory, Water Lillies, Plantane, White Roſes, Violets, Quinces, Rotten Apples, Pears and Plums alone, or with Sugar or Honey, Poppies, Purſlane, Dandelion, Oak, Fleawort, Bean flowers, Fine Bole, *Terra Sigillata*, Ceruſe, Litharge, *Lapis Calaminaris*, Tutia, Saccharum Saturni, Spodium, Blew bottle, Clivers, Mucilages of Fleawort Seeds, and Seeds of Mallows, Marſh mallows, and Quinces.

2. *Cooling the Throat.* Bramble, Orpine, Privet, Straw-berries Leaves and Fruit, Poppies, Juyces of Oranges, and Limons, Verjuyce, Vinegar, Album Græcum, Acacia, Juyce of Slows, Galls, Acorns, Alum, Berries of the Bramble, whilſt green and red, Mulberries, almoſt ripe, and ripe, Dew berries, Raſpberries, Violet Leaves, Columbines, Cranes bill, Anchoves, Pickled Herrings, Cucumers, Barberries, Grapes ripe and unripe.

3. *Cooling the Breaſt and Lungs.* Endive, Lambs tongue, Plantane, Polypody, Purſlane, Water Lillies, Colcworts, Violets, Mallows, Bugloſs, Succory, Poppy, Quinces, Barley, Prunes, Mulberries, Jujubes, Sebeſtens, Sanders all the ſorts, Fænugreek, Tragacanth, Gum Arabick, Whey, Red Roſes, Seeds of Citruls, Gourds, Cucumer, Melon, Henbane, Nightſhade, Hem-

Hemlock, Sorrel, Dandelion, Chickweed, Barley, Hips of both wild and ſweet Bryar, Barberries, Mucilages of Fleawort ſeed, Fænugreek and Althæa, white Lillies, Goats Milk, River Crabs.

4. *Cooling the Heart.* Dandelyon, Sorrel, Wood Sorrel, Water Lillyes, Violets, Succory, Cucumers, Gourds, Raſp berry, red Currants, Barberries, Oranges, Limons, Citrons, Pomgranates, Sanders, Pearls, Coral, Fragments of the precious Stones, Mulberries, the four cold Seeds, Quinces, ripe Apples, Pears, Plums, Cherries, Juyce of Wood-ſorrel, Roſes, Eglantine berries, Grapes ripe and unripe, Acacia, Juyce of Slows.

5. *Cooling the Stomach.* Succory, Sorrel, Aſparagus, Water Lillyes, Endive, Purſlane, Mirtle, Roſes, Violets, Balauſtians, Cucumers, Melons, Gourds, Barley, Juyces of Quinces, Citrons, Oranges, Limons, Pomgranates; Seeds of Citrul, Gourd, Cucumer, Melon, Roſes, Myrtle berries, Medlars, Tamarinds, Curans, both white and red; ripe and unripe Apples, Pears, Plums, Cherries, Gooſe-berries, Pearls, Coral, Alum, Verjuyce, Oak buds.

6. *Cooling the Liver.* Aſparagus, Graſs, Water Lillies, Straw berries, Sorrel, Succory, Sow-Thiſtle, Endive, Purſlane, Lettice, Roſes, Burrage, Bugloſs, Balauſtians, Acacia, Poppy, white and red, Barley, Juyces of Oranges, Citrons, and Limons, Seeds of Cucumers, Gourds, Melons, Citruls, Pomgranate Peels and Juyce, Juyce of Quinces, Currants, Gooſeberries, Wood Sorrel, Myrtles, Medlers, Tamarinds white and red, red Coral, Shavings of Harts horn and Ivory, whey of Goats milk, Fumitory, Dandelion, Barberries, Cryſtals of Tartar.

7. *Cooling the Spleen.* Willow, Hemlock, Fumitory, Polypody, Dodder, Epithymum, Bark of Willow roots, the four greater and leſſer cold Seeds, Water Lillies, Straw berry, Sorrel, Wood-Sorrel, all the kinds of Succory, or Succory like Plants, Henbane, red and white Sanders,

ders, Barberries, Cryſtals of Tartar, white Coral, whey of Cows and Goats Milk, Oyl of Salt, Sulphur and Vitriol.

8. *Cooling the Reins and Bladder.* Graſs, Straw berries, Water Lillies, Purſlane, Willow, Lettice, Whey, Caſſia Fiſtula, Violets, Roſes, Poppy, Oranges, Limons, Citrons, Barley, Endive, Succory, Hearts eaſe, Flowers of Violets, Beans; Seeds of Citruls, Cucumers, Gourds, Melons, Medlar Stones, Violet Seeds, Fleſh of Quinces, Barley water, Niter, Sal-prunellæ, Salt of Chryſtal, Tartar, Saccharum Saturni, Prunes.

9. *Cooling the Bowels.* Caſſia Fiſtula, Sow Thiſtle, Bucks Horn, Fumitory, Mallows, Althæa, Orpine, Plantane, Myrabolans, Prunes, Tamarinds, Comfry, Chickweed, white Sanders, Buck horn Plantane, Daſies, Succory, Endive, Beets white and red, Biſtort, Elder, Pomgranate Rinds, Myrtles, Parſlane, white Lillyes, water Lillyes, Arach, Oyl of Poppy ſeeds, Mucilages of Fleawort ſeed, and Fænugreek, Oat-meal, Whey, Butter-milk.

10. *Cooling the Womb.* Biſtort, Comfry, Shepheards purſe, Perwincle, Plantane, ſtinking Arach, Oak, Purſlane, Looſtrife, Roſes, Quinces, Balauſtians, Water Lillyes, Willow, Henbane, Poppy, Pomgranates, Medlars, Myrtles, red Coral, Acacia, red and white Sanders, Dragons Blood, wild Tanſie, Sow thiſtle, Madder, Barberries, Hypociſtis, Cabbage and Colworts, Alum, red Coral, Pearl, Mother of Pearl, fine Bole, *Terra Lemnia.*

11. *Cooling the Joynts,* Henbane, Houſleek, Lettice, Nightſhade, Poplar, Willow, Poppy, Opium, Comfry, Knotgraſs, Daſies, Vine leaves, Myrtle, Sorrel, Biſtort, Hounds tongue, Plantane, Endive, Alkanet, Madder, Bears breech, Eryngo, Iallap, Mecoachan, Burdock, Shepheards purſe, Flixweed, Yarrow, wild Tanſie, Bucks Horn, Fumitory, Ducks meat, Hermodactils, Woodbine, Quinces, Gourds, Citruls, Cucumers, Melons, (the five laſt being outwardly applyed) Cypreſs, Horſe tail, Oak Leaves, Colcothar, Alum, *Saccharum Saturni.*

CHAP.

CHAP. IX.

Of the Properties of Medicines.

1. EMollient *Medicaments are ſuch, as ſoften and reſolve an hardneſs to an equal Temperature.* Orthus, *An* Emollient *is that which by Heat and Moiſture, warms what's frigid and congealed, and moiſtens it's dryneſs.*

§ 1. Cold thickens the Humors, and Dryneſs hardens them, and this in a Tumor requires an Emollient. § 2. Their uſe is, firſt in melancholick Tumors; where, if the Humor be comblicate, ſo muſt the Medicine be; and if the Humor be very tough, the Medicine muſt be the hotter. Secondly, in ſoftning hard places. Thirdly, in Sinews ſhrunk.

3. And theſe are known, firſt, by Taſt, as being ſweet or incipid, fat and oyly. Secondly, by feeling, as being ſmooth and Slippery.

2. Relaxers, *Are ſuch as ſoften any member contracted, or through Cold, Dryneſs, or Repletion of Wind, Humours, or other matter; and they are a little hot, and very moiſt.*

§ 1. This property of ſtretching properly belongs to the muſculous and nervous parts of the body, to which, *Relaxers* are generally applyed; and therefore, leſs heat and more moiſture, is required. § 2. Their uſe is chiefly in Convulſions, Cramps, and ſuch like Diſeaſes.

3. Rarifying *Medicines are ſuch, as being of thin and ſubtil parts, make tough and thick Humors thin and rare, and ſo fit them for Expulſion, being only ſo hot, as neither to draw matter together, nor yet to diſcuſs it being gathered.*

§ 1. Their uſe is, to open the pores of the Skin, make matter thin, and ſo eaſe pain. § 2. Their Anodine property appears from this, for that in Tumors, it is not only

only plenty of Humours. which cauſes the pain, but a certain dryneſs, hardneſs, and ſtretching of the Skin, which theſe medicines remedy by their emollient and relaxing Property. § 3. To theſe are oppoſed Medicaments, making thick, which have oppoſite qualities: theſe are cold, moiſt, and viſcous, ſuch as ſtop the pores of the Skin.

4. Aperitives *are ſuch as (being of thin parts, and biting) open the mouths of the Veſſels, warming and comforting of them.*

§ 1. Their uſe is, chiefly in Mouths of the Veſſels in the Stomach, in the *Aſpera Arteria*, and other Veſſels dedicated to the Lungs, and alſo to eaſe the violence of Coughing. § 2. They are known by Taſt, being ſharp and piercing, biting the Tongue like pepper.

5. Attenuating *Medicines are ſuch as by a gentle cutting quality, looſen the Bowels, and open Obſtructions there.*

§ 1. The Bowels being obſtructed by thick, tough, and viſcous Humours, require Medicines of a thin cutting Subſtance, being either hot or hold. § 2. Their uſe is, firſt, to open the Bowels; ſecondly, to cleanſe the Breaſt of Flegm. Thirdly, to expell the Terms. § 3. Let them be uſed after ſome gentle Purge: They are generally in Taſt ſharp, ſowre, or bitter, dilating the tongue and not contracting of it; and may properly be called *Inciders.*

6. Aſtringents *are ſuch as by their Sharpneſs and Roughneſs, contract, dry up, and bind the places where they come.*

§ 1. They are all dry by Nature, being either hot as Cinnamon, or cold as Alum, Opium; they are known by their contracting the tongue, and are generally oppoſed to looſening, or lenitive Medicines. § 2. Their uſe is, firſt to make the Humors thick; ſecondly, to hinder Defluxions: Thirdly, to ſtop Fluxes of the belly: Fourthly, to contract the pores of the Skin: Fifthly, to ſtanch bleeding.

7. As-

7. Attractives *are ſuch as by their heat and thinneſs, draw Humors, or matter to any part of the body deſired.*

§ 1. And theſe do it either *by natural Heat*, as Onions, Leeks, Garlick, Briony, Spurge, Nettles, Aron, Euphorbium, Dittany, Muſtard, Pyrethrum, Crowfoot, Cantharides, Oyls of Turpentine, Bricks, Bays, Caſtoreum, *&c.* § 2. Or *by Putrifaction*, as Leven, Pigeons, Hens, and Goats Dung, and all other Excrements. § 3. Or *by Sympathy*, as all Purges and Vomits, *Viſcus Quercinus*, Peony, Amber, Load ſtone, *&c.* § 4. Their uſe is, Firſt, Inwardly, to take away corrupt Humours out of the body, and to expel Poyſon. Secondly, Outwardly to draw out Poyſon, Fire, or the offending matter from the Internal to the External parts. Thirdly, to warm parts over much cooled, and to help forward the Criſis.

8. Repercuſſives, Repulſives, or Repellers, *Are ſuch as by a cold Quality (being aſtringent alſo) drive back the matter or humour to ſome other place.*

§ 1. And ſo theſe are oppoſed to *Attractives*, as whites of Eggs, Horſe-tail, Roſes, Purſlane, Lettice, Nightſhade, Houſleek, Melons, Cucumers, Ducks-meat, Quinces, Balauſtians, Pomgranate peels, Poppy, Opium, dryed Toads, the Popular Oyntment, Mercurial Oyntments. § 2. Their uſe is, chiefly, firſt to ſtay Influxions, and repel Vapors. Secondly, to help Inflamations, hot Tumors, Head-aches, and the like. § 3. They may be beſt uſed in the beginning, *Diſcuſſives* in the latter end. § 4. But if the matter be venomous or pain be great, take heed of Repulſives, or forbear them till due purging. § 5. Take heed alſo, leſt you too much contract the Pores with them.

9. Diſcuſſives *are ſuch as generally diſperſe the matter, and ſo diſſolve it by inſenſible Tranſpiration.*

§ 1. Their uſes are chiefly External; firſt, in opening the Pores, and making the matter thin. Secondly, to diſſolve Tumors. § 2. Theſe Medicines the *Greeks* call *Di-*

apho-

aphoretica, more becauſe they make the matter perſpire through the Pores, than that they are conſidered as Sudorificks: but being inwardly given, their chief Intention is to cauſe Sweat. § 3. Theſe Medicaments have adjoyned with them a power alſo of attracting, but they generally expel, or bring out only ſerous thin Humors and Vapours; not Blood nor groſs Humors, which are only evacuated by Phlebotomy and purging. § 4. But in Tumors, they ought to be uſed with caution, leſt by drawing away the thin parts the thick being left behind, the Swelling ſhould grow ſo hard, as to become paſt all the hopes of cure; in this caſe, mix Emollients with your Diſcuſſives.

10. Cleanſing *Medicines are ſuch as by a drawing quality, have power to take away the Sanies, Filth, or Matter of Wounds or Ulcers, and make them clean.*

§ 1. In a putrified Sore, it is neceſſary to cleanſe it before it can be healed; and thoſe Medicines do it by a certain kind of Roughneſs, Sharpneſs, or nitrous quality. § 2. They are hot, cold, ſalt, ſweet, bitter, nitrous, uſed in external Applications, as Purges are in internal Exhibitions. § 3. As their uſe is to cleanſe the Sanies and filth of Wounds and Ulcers; ſo alſo ought they to be uſed after general Preſcriptions and Evacuations; the pain of the Ulcer being firſt eaſed, the Quittor ripened, the flux of humors ſtopped, and the Inflamation abated; otherwiſe, the Cure will never go on ſucceſsfully.

11. Anodynes *are ſuch as by a gentle warming, or temperate quality, and ſoft ſubſtance, eaſe and take away pain; with having ſome ſmall regard to the cauſe, and entering into the part by their Tenuity.*

§ 1. Theſe are generally hot, and ſo abate the pain and heat of Inflamations, by opening the pores, and letting thoſe hot Vapors out. § 2. Yet ought they not to be too hot, leſt, inſtead of eaſing the pain, they ſhould inflame. It will be good to chuſe ſuch as are of a moderate

rate Temperature, and of a thin Eſſence. § 3. And the reaſon is yet farther apparent, that they ought not to vary much from Temperature, becauſe they are to be applyed both to hot and cold effects. § 4. In cold effects they eaſe pain, by opening the pores, penetrating, and warming: In hot diſeaſes they eaſe the pain by opening the Pores, by which, the hot, fuliginous Vapors being let out, the part is cooled.

12. Narcoticks *or* Hypnoticks, *(improperly called* Anodyns *alſo) are ſuch things as by reaſon of their exceeding cold quality, eaſe pain by Stupefaction, or dulling the Senſes.*

§ 1. Theſe ſome think take not away pain at all, but only ſtupifie the Senſes, that you cannot feel it. § 2. They are moſtly uſed, when the Symptoms appear more dangerous than the Diſeaſe: but in the beginning and height of Fevers, beware of them inwardly, unleſs prepared with a ſharp or nitrous Spirit. § 3. If the pain be in the Skin, let the Anodyn or Narcotick be liquid; but the deeper it lyes, the more ſolid, leſt their virtue ſhould be loſt, before the work is done.

13. Carminatives *are ſuch as by a heating, rare, and anodyn quality expell Wind.*

§ 1. Their chief uſe is in the Cholick, Stone, Griping of the Guts, and the like Diſeaſes. § 2. Wind is generally contained in ſome certain cavity, and that either in the Bowels, or in the External parts, in Tumors. § 3. But in what part of the body ſoever it be, if it makes too great a diſtention, it cauſes pain; the removing of which, muſt be by opening the Veſſels or the Pores. § 4. So that *Carminatives* are ſaid to contain in them a complex Operation: for they eaſe pain by opening the ſtoppages, letting the extending matter out; this they do by their Heat, Thinneſs, and ſpecifick property to thoſe Intentions. § 5. And they comfort and heal the parts already hurt, by an Anodyn property, having a Sympathy with the part hurt and pained.

4. Diaphoreticks, *or* Sudorificks, *are ſuch as provoke Sweat, and work by inſenſible Tranſpiration.*

§ 1. Their uſe is to expel ſerous thin Humors, and filthy Vapors, lying in the outward parts of the body, and near the Surface of the Skin. § 2. But if there be groſs matter with all, (as in Tumors) there is danger; for by ſweating, the thin matter being tranſpired, nothing but an incurable hardneſs is left behind. § 3. They are to be uſed generally in the declining of the Diſeaſe, unleſs in Diſeaſes proceeding from Blood, where they are uſed in their Increaſe and State. § 4. They are of a hot quality, and thin parts. § 5. But ſome Authors make a difference between *Diaphoreticks* and *Sudorificks*; which to me ſeems needleſs, they are ſo near a kin. § 6. The former, viz. *Diaphoreticks*, they call *Tranſpirers*, which are ſuch things as drive the Morbifick matter through the Pores of the Skin inviſibly, or by inſenſible Tranſpiration. § 7. The Latter, *viz. Sudorificks*, which they alſo call *Hydroticks*, are ſuch Medicaments as drive out the morbifick matter by the habit of the body, in a ſenſible manner, to wit, by ſweat. § 8. But to declare my own Opinion in a word, I think there is no difference between them, but in degrees; *Diaphoreticks* being the weaker ſort of ſweating Medicaments, *Sudorificks* the ſtronger.

15. Alexipharmacks, *or* Alexiteria, *are ſuch Medicines as reſiſt Malignity and Poyſon.*

§ 1. They are twofold; Firſt, ſuch as ſtrengthen Nature againſt Poyſon. Secondly, ſuch as over-come it by a contrary quality. § 2. If poyſons kill by their quality, let them be overcome by their contraries, as cold Poyſons by hot Antidotes; Corroſives by Lenitives, *&c.* § 3. The beſt way is to do it ſpeedily, by Vomit, Purge, or Sweat; let vomiting be firſt, purging next, and ſweating laſt, according to the Time, Place, Nature and Motion of the Poyſon. § 4. For, if it be newly received, and in the Sto-

Stomach, uſe vomiting. § 5. If by longer time it has infected the Blood, and Spirits, or it be the biting of a mad Dog, or other venomous Beaſt, uſe ſweating. § 6. If the body be cacochymical or full of evil humors, uſe purging. § 7. Laſtly, the Cure ended, ſtrengthen the parts of late afflicted.

16. Pyroticks *are ſuch medicines, as by their exceeding heat, burn, or ſcald the Skin or Fleſh, or both.*

§ 1. Theſe are threefold; firſt, *Catheretica*, or Corroſives, which by exceſſive drying, conſume the Excreſcences of the Fleſh: Their uſe is in Ulcers, to eat away dead Fleſh. § 2. *Septica*, or Putrefactives, which by their vehement heat ulcerate the Skin, with very little pain: their uſe is to draw Bliſters. § 3. *Eſcarcotica*, or Cauſticks, which conſume all they come near: Their uſe is to make Iſſues. § 4. The firſt are ſtrong, the ſecond ſtronger, the third ſtrongeſt. § 5. They are alſo uſed in eating off of Hair, and then they are called *Pſylothrons*; as alſo in waſting hard and callous Tumors, conſuming Warts, Polypus, in Gouts, Lethargies, Fiſtula's, malignant Ulcers, defluxions of Humors, violent Burning, malign and peſtilential Fevers. § 6. But beware leſt they inflame, or cauſe Convulſions, which you may prevent by purging the body well firſt. § 7. Take heed alſo, leſt you inflame the parts adjacent, which you may prevent by anointing the place round with Defenſatives.

17. Suppuratives (*called in Greek* Peptica) *are ſuch as by a natural heat, bring Blood, raw, ſuperfluous, and undigeſted humors, to Matter and Ripeneſs.*

§ 1. Theſe by reaſon of their emplaſtick Body, cloſe the Pores of the Skin; and ſo by keeping the heat together, bring to Putrefaction and matter. § 2. Theſe differ from Emollients in this, *They* make hard things ſoft; *Theſe* draw, or generate humors, and ripen them. § 3. Their chief uſe is to ripen *Plegmons*, or Tumors proceeding of Blood, and are

generally applyed in the height of the Diſeaſe.

18. Sarcoticks, *or* Incarnatives, *are ſuch things as breed Fleſh, changing the blood there into.*

§ 1. Theſe are generally hot in the firſt degree, and ſomething drying; if they be applyed to a dry part of of the body, the *Sarcotick* muſt be very dry, ſometimes in the fourth degree. § 2. And theſe prevent the Blood, that it may not turn into Corruption while it turns in to Fleſh. § 3. If they be applyed to a ſoft and tender place, let the Medicine be gentle, and not exceed the firſt degree, unleſs the Ulcer be moiſt.

19. Glutinatives *are ſuch Medicines, as by their glewy quality, joyn the mouths of Wounds or Ulcers together.*

§ 1. Theſe the *Greeks* call *Symphitica*, and are generally dry in the ſecond degree, drying up, not only what flows out, but what remains liquid in the Fleſh. § 2. They are to be uſed when the Ulcer is cleanſed, and filled with Fleſh. § 3. They are of a conſiſtence either dry and earthy, or moiſt and watery, but without any biting quality.

20. Cicatrizing *or* Scarrifying *medicines, called in Greek* Epulotica, *are ſuch as by a drying and binding quality, cloath a raw place with Skin.*

§ 1. Theſe are to be uſed after the Ulcer is cleanſed, incarnated, and the lips of it joyned together. § 2. They perform their work by conſuming both that which flows to, and that humour which is already in the Fleſh, that it may be changed into the property of Skin. § 3. They are drying, that they may ſuck out the humidity in the place; and binding, that they may ſtop a Flux of new matter, by ſtrengthning the part.

21. Emmenonagogicks *are thoſe medicines, which by a certain ſpecifick quality, provoke the Terms.*

§ 1. Theſe medicines are generally of a hot nature, and thin eſſence, which have a power to attenuate and rarifie the Blood, and to open the

the mouths of the Veſſels. § 2. They are generally hot in the third degree, but not over drying. § 3. In the Exhibition of theſe Medicaments, you are to conſider the Age and the time. § 4. As to the Age, they are rarely to be expected before 14 years old, and they commonly leave the Woman about 50. § 5. As to the Time, that you give the medicine four or five days before the time of their flowing or coming down; having a day or two before uſed univerſal Preparatives by proper Catharticks, of which, the Tincture of Colocynthis in S. V. or it's decoction in water, or infuſion in Lime water, are excellent; ſo alſo Syrup of Roſes ſolutive given to ℥iiij. Aloes Roſata, *Elixir Proprietatis.* § 6. The retaining of the Terms, often breeds Dropſies, Cachexies, Greenſickneſs, Fits of the Mother, Convulſions, Falling-ſickneſs, Blindneſs, and other cruel Diſeaſes; and ſometimes Madneſs it ſelf. § 7. Always have in mind this verſe,

Luna vetus veteres; juvenes nova Luna repurgat.

22. Diureticks *are Medicines which are ſaid to make a Separation of the* Serum *from the* Blood, *and ſo to provoke Urine; or, ſuch as provoke it by opening the Urinal Paſſages.*

§ 1. Such things as make a Separation of the *Serum* from the *Blood*, are the things intended here, the other, which open more powerfully the Urinal paſſages, you may ſee, *Cap.* 11. *Sect.* 26. and *Cap.* 12. *Sect.* 6. following. § 2. Theſe are hot and dry, and are known by their taſt, as being very biting, and of an attenuating, cutting, and abſterſive property, that they may alter, and make more fluid, the thick, tenacious, and viſcous *Blood*, whereby it may let go it's *Serum.* § 3. Thoſe things of a nitrous Property, properly open the Urinal Paſſages; of which, hereafter. § 4. Beware of giving violent Diureticks, before the paſſages be opened, leſt, inſtead of curing, you kill the Sick, which in this caſe often happens. For, ſtrong Diureticks being gi-

ven while the paſſages are ſtop'd, make the Obructions more obdurate, and ſometimes incurable; and then the water not having it's natural Paſſage, either falls into the Abdomen, or regurgitates into the Veins, and then the ſick dies of a Dropſie. § 5. Give alſo with and before them, a good quantity of Oyl of ſweet Almonds,

23. Traumaticks *or* Vulneraries, *Are ſuch Medicines as having a ſpecifick Vertue to the Intention, are accommodated to the more facile, dextrous, or ſpeedy healing and curing of Wounds and Ulcers.*

§ 1. Theſe Medicines ought to be uſed after a due purging, and cleanſing of the body, leſt they being received in, be, by the habit of the body, turned to Corruption alſo. § 2. They ought to be given for a long time, *viz.* during the whole Cure (after proper purging) that they by their Balſamick property, may beget a habit of healing. § 3. They ought to be conveyed in ſuch a menſtruum, as may not be too ſtrong, leſt it inflames the wound, or endangers a Fever: and likewiſe ſuch as may have a good diuretick force, that if the ſick ſhould drink freely of it, it may not endanger a Dropſie. § 4 It ought to be grateful, that the Stomach may receive it with pleaſure, for thereby it's healing power is more eaſily exerted and inſinuated into the Univerſal Habit. § 5. The Diſtinction between *Traumaticks* and *Vulneraries*, may be ſaid to be this; the former are uſed internally, the latter externally: No Balſam that I know of, was ever called *Traumaticum*, the latter is common.

24. Coſmeticks *are ſuch Medicines as beautifie and adorn the Body.*

§ 1. Theſe are applyed either to the Skin, Hair, or Teeth. § 2. Freckles, Sunburning, and blackneſs of the Teeth, are to be taken away by cleanſing Medicines; redneſs of the Face, according to the Cauſe, as from heat of Blood by internal Coolers; from external Accidents, by cooling and extenuating. § 3. Wrinkles are

reme-

remedied by Lenitives and Emollients. § 4. Falling of the Hair, by correcting the Humor which cauſes it, and by gentle heating the part; too much Hair by, cleanſers and corroſives. § 5. Smoothneſs of the hair by Dryers and Binders, which cauſe it to curle. § 6. Scurf and Dandriff is taken away by Abſterſives. § 7. Looſneſs of Teeth, by things drying and binding.

CHAP. X.

The Properties of altering Medicaments.

1. *Mollients.* Roots of Lillyes, Althæa, wild Cucumer, Briony, Leaves of Mallows, Parietary, Violets, Elder; Flowers of Camomil; Seeds of Fænugreek, Lime, Mallows; fat Figs, freſh Butter, Hogs greaſe, Bears greaſe, old Oyl, Bdellium, Liquid Storax, Ammoniacum, Galbanum; all marrows of Beaſts, Fat of a Stag, Horſe, Calf, Hen, Capon, Gooſe, Duck, Sheep, Goat; Roſin, Currants, Raiſins, Dates, Meal of Wheat, Barley, Beans, Lentiles, Mault, Saffron, Opoponax, Turpentine, Colophony, Pitch, Arach, Beets, Cypreſs leaves, Bay leaves, Fleawort; Oyls of Lillies, Camomil, Earthworms, Foxes; Oyntments of Marſh mallows, of Wax, *Reſumptivum*, Diachylon ſimple, and with Gums, Cerat of Ammoniacum, Oeſypus.

2. *Relaxers.* Lillyes, Lineſeed, Fænugreek, Althæa, Mallows; Oyls of Camomil, Earth-worms, Dill, Caſtor; Roots of Orrice, Engliſh and Florentine; Herb Mercury; Oyls of Spike, Turpentine, Juniper-berries, Roſmary, Amber, Worm-wood, Saſſafras, Rhodium, Caraways, (all diſtilled) being mixed with a ſufficient quantity of Oyl Olive, Oyl of ſweet Almonds,

monds, or of Ben, or with Hogs greaſe.

3. *Rarifiers.* Althæa, Herb Mercury, Camomil, Melilot, Elder, Fænugreek, and Lineſeed, old Oyl, Butter, Capers, Orrice, Time, Penny-royal, Hyſop, Mugwort, Seeds of Aniſe, Fennel, Stæchas, Juniper leaves and berries, Caraways, Caper-roots; Oyls of ſweet and bitter Almonds, mix'd with the hot diſtilled Oyls in *Sect.* 2. juſt aforegoing Oyl of Bays. *To theſe are oppoſed Thickners.* viz. Purſlane, Sorrel, Poppy, Rice, Lentils, Quinces, Pears, Starch, Juyce of Pomgranates, Chalybeat milk, *&c.*

4. *Aperitives.* Roots of Graſs, Smallage, Fennel, Aſparagus, Parſly, Holm, Succory, Endive, Eringo, Gentian, Ferne, Madder, Rhaponticum, Aſarum, Capers, Tamariſk, Aſh. Leaves of Fumitory, Worm-wood, Agrimony, Maidenhair, Liverwort, Ceterach, Chamepytis, Chamædrys, Dodder, Horehound, Calamint, Penny-royal, Scurvy graſs, Brook-lime, water creſſes, Hops, Seeds of Aniſe, Fennel, Ameos, Agnus Caſtus, Lupins, Almonds, Cinnamon, Juyce of Limons, of Endive, of Succory, Vinegar, Garlick, Onions, Leeks, Parietary, Turmerick, powder of Steel, Carline Thiſtle, Filipendula, Bruſcus, Mallows, Marſh mallows, Peach Flowers and Kernels, Cubebs, Ammoniacum, Opopanax; Oxymel ſimple and ſcyllitick, *Syrupus de quinque Radicibus*; Troches of Rhubarb, Worm-wood, Eupatorium, Gum Lacca, Cream, Cryſtal, and Tincture of Tartar, Tartar Vitriolate, Tincture, Powder, Wine, aperient Crocus, and Pills of Steel.

5. *Attenuaters.* Roots of Gentian, Ferne, Radiſh, Horſe Radiſh, Sorrel, Wood-Sorrel, Juyce of Limons, Oranges, Citrons, White and Rheniſh Wines, Pepper, Ginger, Cinnamon, Cloves, Nut-megs, Mace, Vinegar, Oximel ſimple, and of ſquils, Scurvy-graſs, Brook-lime; all ſorts of Creſſes; Seeds of Muſtard, Onions, of Rocket, and of Charlock; Gentian, Ferne leaves, Caſſia Fiſtula, Tamarinds, Prunes, Myro-

Myrobalans, Cryſtals of Tartar, Tartar Vitriolate, ſteeled wine, Sal-niter, Lapis prunellæ, Sal Gem, Whey, Syrups of Bar-berries, and of Quinces, of Limons, of Citrons, of Coral ſimple and compound, and of Pearls; Oyls and Spirits of Sulphur, of Salt, of Vitriol; Spirit of Niter, and of Sal Armoniack; Flowers and volatile Salt of Armoniack, Salt of Harts horn, of Urine, and of mans Blood.

6. *Aſtringents.* Roots of Tormentil, Plantane, Comfrey, white Lillies, Peony, Biſtort, Rhubarb roaſted; Leaves of Amomum, Agnus Caſtus, Cypereſs, Cinkfoil, Bawm, Fleawort, Horſetail, Ivy, Knot-graſs, *Solomons* Seal, Bays, Myrtles, Oak, Purſlane, Shepheards purſe, Willow, Mouſe ear, Poppy, Sorrel, Quinces, Medlars, Rice, Lentils, Amylum, Galls, Myrtle berries, Barberries, unripe Bramble berries, and Mulberries, Balauſtians, Acorns, Acorn cups, Maſtich, Dragons blood, Acacia, Alum, Coral, Fine Bole, Iron, Sumach, Pomgranate Rinds, ſmall Daiſie, Bark of the Frankincenſe-tree, Services, *Terra Sigillata*, Privet flowers, Trefoil, Crab-Apples, unripe Grapes, *Crocus martis Aſtringens*, *Saccharum Saturni*, Coral, Laudanum, Opium, *Pilulæ de Cynogloſſa*, Acorus, Schænanth, Aloes, Thus, Olibanum, Myrrh, Spicknard, Cypreſs Nuts, Drop-wort, Avens, Looſtriſe, Hypociſtis, Lapis Hæmatitis, Diacodium, Powder of mans Bones by calcination, Conſerve of red Roſes, Grape-ſtones, man's and beaſts blood dryed, Chalk, Calx of Egg-ſhells, Ceruſe, Litharg, Roſin, ſtones of Raiſons, Gum Tragacanth, and Arabick, Cobwebs, Hair burnt.

7. *Attractives* Roots of Birth-wort, Anemony, Bindweed, Taragon, Gentian, Pyrethrum, Crow-foot, Daffodil, Aron, Maſterwort, Dragons, Thapſia, or Turbith, Garlick, Onions, Leeks; Leaves of Sciatica Creſſes, Water Creſſes, Calamint, Dittany, Pimpernel, Thlapſi, Ivy; Seeds of Muſtard, Nettles, Rocket, Onions; Euphorbium, Ammoniacum, Galba-

Galbanum, Sagapenum, Pitch, Roſin, Cantharides, Pigeons and Hens Dug, Soap, Reed roots, Garden Creſſes, Winter Creſſes, Seeds of Navew, of water Creſſes, of Radiſhes; Emplaſtrum Oxycroceum, Roots of Briony, Spurge; Goats Dung, and all other Excrements: all Purgers and Vomitories whatſoever; *Viſcus Quercinus*, Peony, Amber, Magnet. Southern-wood, Aſphodel, Bdellium, Opopanax, Aſſa fœtida, Xylobalſamum, Carpobalſamum, Aſarum, Turpentine; Oyls of Bricks, Foxes, Bays, Dill, Rue, Peter, Caſtoreum, Hypericon, Unguentum Martiatum, Agrippæ, Aregon, Mithridate and Venice Treacle, outwardly applyed, *Diachylon magnum*, and with Gums, Emplaſter of Melilot ſimple and compound, Leaven, Old Cheeſe, Cantharides, Veſicatories, Horſe-leeches, Cupping-glaſſes.

8. *Repercuſſives.* Roots of Plantane, Mandrake; Leaves of Houſleek, Purſlane, Duckmeat, Endive, Lettice, Nightſhade, Henbane, Sumach, red Roſes, water Thiſtle, Navelwort, Lentisk; Seeds of Fleawort, Plantane, Grapeſtones, Sorrel, Violets, water Lillies, cold Water, Whey, Coriander, Cinkfoil, Trefoil, Parietary, Apples, Pears, ſour Plums, Whites of Eggs, Horſe-tail, Wood bind, Teaſle, Shepheards purſe, Melons, Gourds, Citruls, Cucumers, Myrtles, Quinces, Pomgranate rinds, and flowers, *Sanguis Draconis*, Poppy, Opium, Fine Bole, *Terra ſigillata*, Cerule, Lead burn'd, and not burn'd, *Saccharum Saturni*, Alum, Cypreſs nuts, Comfrey, Centory, Worm-wood, Horehound, Cyperus graſs, meal of Lupins and Orobus; Unguentum refrigerans, Album, Citrinum, Populeum, Deſiccativum rubrum, Pectorale; *Empl. Diacalciteos*, *de Ranis cum Mercurio*, &c.

9. *Diſcuſſives.* Roots of Aſphodil, Birthwort, Briony, Capers; leaves of Arach, Beets, Camomil, Checkweed, Dill, Maiden-hair, Althæa, Mint, Parietary, Bawm, Cleavers, Mallows, Scordium, Melilot, Marjoram, Roſmary,

ry, Spicknard, Lavender, Rue, Wormwood, Aniſeeds, Caraways, Dittany, Leeks, Onions, Garlick, Vinegar, Spirit of Wine, Savin, Origanum, Cumin, Hyſop, Fumitory, Elder, dwarf Elder, Valerian, Southern-wood, Fænugreek, Roſin, all ſorts of Turds, Turpentine, Old Cheeſe, Wines, Pyrethrum, Cinnamon, Nutmegs, Pepper, Chervil, Crowfoot, all the hot Seeds; Oyls of Euphorbium, Caſtor, Nervinum, *Ung. Laurinum*, *Diachylon magnum*, and with Gums, *de Cymino*, *Empl. Oxycroceum*, *de baccis Lauri*, *de Meliloto*, *de Ammoniaco Forreſti*, *de Galbano Crocatum Mynſichti*, *de Ranis cum Mercurio*; Oyntments of Agrippa, Arregon, Martiatum.

10. *Cleanſers.* Roots of Aron, Aſphodil, Birthwort, Celandine, Orrice, Gentian, Solomons Seal, Tamarisk, leaves of Smallage, Wormwood, Horehound, Hyſop, water Creſſes, Agrimony, Tanſie, Pimpernel, Parietary, Arach, Beets, Aloes, Sugar, Honey, Fænugreek ſeed, Turpentine, Verdigriſe, Vitriol, Whey, Centory, Southernwood, Germander, Harts tongue, Line ſeed, Barley, Lupins, Orobus, Galls of Beaſts, Urine, White wine, Salt, Alum, Myrrh, Briony roots, Hellebor, Betony, Sarcocol, bitter Almonds, Elecampane, Scammony, Oxymel ſimple and ſcyllitick; *Unguentum Nicotianæ*, *Apoſtolorum*, *Ægyptiacum*; *Emplaſtrum divinum*, *Aqua Ophthalmica noſtra.*

11. *Anodyns.* Roots of Eringo, Orrice, Reſt harrow, water flag, Marſh mallows, Lillies, leaves of Arach, Beets, Camomil, Chickweed, Dill, Maidenhair, Fennel, Marjoram, Time, Parſly, Roſmary, Rue, Saffron, Fænugreek-ſeed, Hogs, Gooſe, and Hens Fat, Ducks greaſe, Oyls of Linſeed, Almonds, Eggs, Hypericon, Camomil, Dill, Bays, Juniper berries, Roſmary, Elder, Wax, Earth worms; Oyntments of Althæa, Arragon, Nicotianæ, Reſumptivum, Roſarum, Martiatum, *Emplaſtrum de baccis lauri*, Calves and Mans Fat, Marrow of Oxen, Calves, Sheep, Milk, Spirit of Wine, Butter.

If

If with the Pain there be an Inflamation, you may uſe cooler things; as Oyl Omphacine, Oyls of Poppies, Roſes Omphacine, Parietary, Fleawort, *Unguentum Album*, *Roſarum*, *Populeon*, *Refrigerans Galeni*.

12. *Narcoticks*. Roots of Mandrake, leaves of Mandrakes, Henbane, Hemlock, Poppy, Opium, Spirit of Darnel, Darnel meal, Lettice, Houſleek, Purſlane, Nightſhade; *Philonium Perſicum*, *Romanum*, *Magiſtrale*, *Laudanum noſtrum*, *Londinenſe*, *Paracelſi*, *Fabri*, *Quercetani*; *Pilulæ è Cynogloſſo*, *è Styrace*, Mithridate, Venice Treacle, Diaſcordium, our *London* Treacle, Lead, Saccharum Saturni, Camphir, *Spiritus Odontalgicus*, Anodyn extract of Opium, *Pilulæ Bechicæ*, *& Narcoticæ Plateri*; *Trochiſci albi Rhaſis*, *Alkakengi*, *& de Camphora*, *Sief de Plumbo*, *Trochiſci Diacorallion*, *Diaſpermaton*, *& Hæmoptoici*.

13. *Carminatives*. Coſtus, Galingal, Garlick, Fennel, Parſly, Smallage, Spicknard, Zedoary, Camomil, Dill, Juniper, Marjoram, Organy Savory, Wormwood, Bays, Schænanth, Cinnamon, Cloves, Mace; Nutmegs, Pepper, Ginger, Annis, Caraways, Cumin, Fennel; Roots of Water-flag, Hogs Fennel; Rinds and Seeds of Oranges, Limons, Citrons, Caſſia Lignea, Angelica, Mint, Calamint, Roſmary, Time; Bay and Juniper berries, Amomus; Seeds of Daucus, Carrots, Nigella, Parſly, Hartwort, Biſhops weed, Muſtard, Rocket, Cardamoms, Grains of Paradiſe, Rue, Cubebs, Coriander.

14. *Diaphoreticks*. Roots of Tormentil, Zedoary, Contrayerva, Virginian Snakeweed, Ginger, leaves of Carduus ben. Scordium, Butterbur, Roſmary, Rue, Sage, Saffron, Torrified Silk, Bezoar ſtone, Cochinile, Treacle, Carline Thiſtle, China, Sarſaparilla, Opium, Gentian, Scabious, Pimpernel, Angelica, Bezoar ſtone, Bezoar Animale and Minerale; Spirit of Guajacum, Aurum, Diaphoreticum, Liquor *Vitæ* Anodynus, Anodyn extract of Opium, *Electuarium de Ovo*, Volatile Salt Armoniack, Swal-

Swallowort, Southernwood, Juniper berries, Bay berries, Fumitory, Saſſafras, *Spiritus cornu cervi*, Melilot, Fænugreek, Marjoram, Spirit of *Terra ſigillata*, Salt and Tincture of Tartar, Treacle water, Roots of the ſmaller Galangal, Bay leaves, Dictammus, Pennyroyal, Origanum, the four greater and leſſer hot Seeds, fixed Flowers of Antimony, *Laudanum noſtrum*, *Londinenſe*, & *Paracelſi*.

15. *Alexipharmicks.* Angelica, Birthwort, Biſtort, Bugloſs, Coſtus, Cyprus, Carline, Doronicum, Enula, Garlick, Gentian, Smallage, Tormentil, Vipers Bugloſs, Zodoary, Betony, Carduus, Calaminth, Agrimony, Avens, Juniper, Organy, Pennyroyal, Rue, Scordium, Wormwood, Centory, Bay-berries, Pepper, Citrons, Aniſeeds, Ammi, Cardamoms, Caraway, Fennel, Saffron, Cochinile, Contrayerva, Virginian Snake-root, Butterbur, Sage, Roſmary, Spicknard, Bezoar Stone, Bezoar animal and mineral, Alkermes, Our *London* Treacle, *Venice* Treacle, Mithridate powder, and Salt of Vipers, *Electuarium de Ovo*, Treacle water, Prophylactick, water of *Sylvius*, Swallowort, Southern-wood, Maiden hair, Germander, Alexanders, Agrimony, Hore-hound, Poley-mountain, Wall-nuts, all the ſorts of Pepper; Ivy berries, Seeds of Oranges, Limons, Citrons, and outward Peels of the ſame, Myrrh, Camphir.

16. *Pyroticks.* § 1. *Cathereticks*, or *Corroders*, *which eat away proud and dead Fleſh.* Roots of white Vine, black Hellebor, Gentian, Aſhes of the Oak, Fig-tree, Conchylium, Aloes, Alum burnt and not burnt, burn'd Lead, Antimony calcined, Quicklime, Flowers of Braſs, Braſs burn'd Vitriol calcined, Quickſilver precipitated, ſublimated; Oyls of Vitriol, Sulphur, and Salt, Verdigriſe, Salt calcined, Euphorbium, *Unguentum Ægyptiacum*, *Apoſtolorum*. § 2. *Septica*, *Veſicatories* or *Putrefiers*, *whoſe uſe is to draw Bliſters*, *and melt hard Fleſh.* Roots of Bindweed, Pyrethrum, Squills, Garlick, Thapſia, Leaves of Crowfoot, Flamu-

Flamula, Spurge, Tythimal, Mezereon; Seeds of water Creſſes, Muſtard; Euphorbium, Turbith, Dryopteris, Pityocampe, Aconitum, Cantharides, Leven, Sope, Pigeons Dung, Chryſocolla, Orpiment, Arſnick. § 3. *Eſcarotica, Cauſticks*, or *Burners, which bring a thick Cruſt, and conſume all they come near: Their uſe is to make Iſſues.* White Hellebor, Vine Aſhes, Salt of Tartar, Aſhes of the Fig tree, Savin Buſh, Braſs burn'd, Flower of Braſs, Quicklime, Vitriol, Orpiment, Arſnick, Ley and Salt of Pot aſhes, *Lapis Infernalis*, Silver Cauſtick.

17. *Suppuratives.* § 1. *Such as are temperate, clammy, and applyed to hot Tumors*; Mucilages of Seeds of Line, Fænugreek, Mallows, and Marſh mallows; Water and Oyl, Wheat and Barley meal, Mault, Milk, Crums of wheaten Bread, Hogs greaſe, freſh Butter, *Unguentum Dialthæa*, Yolks of Eggs, Honey, Figs, Raiſons, Currants, Dates, Oyl of Lillies, Roots of Bryony, white Lillies. § 2. *Such as are hot, and uſed in cold Tumors.* Saffron, Camomil, Ammoniacum, Bdellium, Galbanum, Labdanum, Opopanax, Sagapenum, Turpentine, Liquid Storax, Pitch, Roſin, Tears of the Fir, Birch and Pine trees; Oyl of Camomil; Roots of Aron, Birthwort, Briony, Creſſes, Cantharides, Caſtor, Dittany, Gentian, Ranunculus, Pyrethrum, Hellebor, Onions, Garlick, Leeks, Nettles, Euphorbium, Sulphur, Leven, Niter, Quicklime, Black Sope, Muſtard ſeed, Oxe Gall, Pigeons, Gooſe, Hens, and Goats Dung, *Baſilicon majus & minus*, Oyntment of Agrippa, Diachylon ſimple, and with Gums, Emplaſter of Mucilages, Oxycroceum, Mithridate, Venice Treacle, Cataplaſma Laxativum Schroderi, *& pro adultis, Dropax confortans*, common Salt, and Salt of Tartar.

18. *Sarcoticks*, or *Incarnatives.* § 1. *Meane which are to be applyed to moiſt and delicate Bodies.* Meal of Wheat, Barley, Mault, Beans, Peaſe, Fænugreek, Thus, Olibanum, Manna of Frankincenſe, Maſtich, Oyl Olive, Betony, Shep-

Shepheards purſe, Mouſe ear, Vervain, Scabious, Burnet, Tutty. § 2. *Stronger to be applyed to Plethorick or Cacochymick bodies.* Meal of Lupins, Lentills, and Orobus; Turpentine, Roſin, Larch Roſin, Honey, Honey of Roſes, Aloes, Pompholix. § 3. *Strongeſt, which are appropriated to deep Ulcers.* Meal of Orobus, raw Honey, Roots of Birthwort, long and round, Sanicle, Orrice root, Centory greater and leſſer, burn'd Lead, Myrrh, Vitriol, Gum Arabick, and Tragacanth, Hypericon, Sarcocol, *Unguentum Aureum, & Comitiſſe*, Emplaſters of Betony, Diapalma, Nigrum, *de Janua*. *A larger Catalogue you may ſee in our* Synopſis Medicinæ, *lib. 3. cap. 24. Sect. 31.* The laſt Edition.

19. *Glutinatives. Roots* of Solomons Seal, Daſies, Tormentil, Cinkfoil, Biſtort; *Leaves* of Mouſe ear, Plantane, Hypericon, Bugle, Sanicle, Pyrola, Wall-ſage, Rupturewort, Althæa, Centory, Germander, Agrimony, Maudlin, Mallows, Woad, Willow, Vervain, Yarrow, Tanſie, Cranes bill, Horſetail, Cinkfoil, Hounds tongue, Myrrh, Olibanum, Thus, Sarcocol, Aloes, Hypociſtis, Pitch, Turpentine, Maſtich, Colophony, fine Bole, Dragons Blood, *Terra Lemnia*, Gum Elemi, Gum Hederæ, Tragacanth, Arabick; Comfry Roots, Knot graſs, Roſmary, Flowers, Red Wine, Diapalma, *Emp. de Minio*, Oyntments of Litharg, and of Betony.

20. *Epuloticks, Cicatrizers, or Scarrifyers. Roots* of Tormentil, Cinkfoil, Comfry, Madder; *Leaves* of dead Nettles, Comfry, Throughwax, Horſetail, Plantane, Bucks horn, Straw-berry, Willow, Agrimony, Avens, Sage, Vervain, Burdock, Shepheards purſe, Hawkweed, Coltsfoot, Self heal, Speedwell, Mullein, Flixweed, Perwincle, Ladies Mantle, wild Tanſie, Mugwort, Coſtmary, Betony, Downe of Carduus ben. Burnet, Scabious, Mint, Calamint, Germander, Parietary, Devils Bit, Clary, Lovage, Herb maſtich, Cinkfoil, Trefoil, Southernwood, Balauſtians,

lauſtians, Pomgranate Peels, Coral, Pearl, Aloes, Dragons blood, fine Bole, *Terra ſigillata*, Litharge, Galls, Spunge burn'd, Caſſia Lignea, Braſele, Log-weed, Sanders red, white, yellow, Pompholix, Tutty, Alum, Spodium, Cypreſs nuts, Acorus, Myrrh, Thus, Olibanum, Sarcocol, Ceruſe, Lead, Lead burn'd, Cadmia, *Saccharum Saturni*, Antimony, Braſs burn'd and waſh'd; *Unguentum Album*, *Deſiccativum rubrum*, *Diapompholigos*; *Emp. de minio*, Diapalma, &c. *The reſt ſee in our* Synopſis Medicinæ, *lib.* 3. *cap.* 24. *Sect.* 33.

21. *Diureticks.* *Roots* of Mallows Althæa, Maiden hair, Smallage, Aſparagus, Fennel, Parſly, Burdock, Graſs, Knee holly, white Saxifrage, Hogs Fennel, Mecoachan, Iallap, Radiſhes, Maſterwort, Reſt harrow, Garlick, Onions, Leeks, Scabious, Squills. Saſſafras, Rhodium, *Lignum Nephriticum*, Bark of Elder, and dwarf Elder. *Leaves* of Mallows, Althæa, Dandelyon, Endive, Succory, Yarrow, Straw berries, Lettice, Purſlane, Water Lillies Pimpernel, Brook lime, water Creſſes, Germander, Camomil, Samphir, Chervil, Broom, Reſt harrow, Bays, Scordium, Parietary, Nettles, Spicknard, Saxifrage. *Flowers* of Roſmary, Peaches, Marſh wormwood, Melilot, Lavender, Dill, Camomil. *Fruits*, Cubebs, Pepper, Juniper berries, bitter Almonds, Peach Kernels, Winter Cherries, Straw berries, ripe Grapes, Figs, Raiſons of the Sun, Olives, Ivy berries. *Seeds* of Rocket, Onions, Leeks, Garlick, Saxifrage, Radiſhes, Nettles; Gromwel, Cicers, Peaſe, Beans, Annis, Fennel, Caraways, Amomus, Smallage, Cumin, water Creſſes, Muſtard, Poppies white, black and red, Aſh-tree Keys. *Oyls of* ſweet and bitter Almonds, of Hypericon, of Scorpions. Tartar, Salt, Tincture and Oyl of Tartar. Turpentine and oyl of Turpentine. Aſhes and Salt of Broom. Spirits and oyls of Vitriol, Sulphur, Salt. Whey of Milk, chiefly of Goats milk. Peach Kernel water with Muskedine. Perſicary water is commended above

above all things. Cryſtal, and Salt of Cryſtal, Niter, Spirit of Niter, and *Lapis Prunellæ*. Sal Armoniack, and Spirt thereof. The whiteſt Flints quenched (red hot) in rich Wine. Oyl of Wax *à gut* iiij *ad* vij. Salt of Amber *ad* ʒß. Water of Hipps. Oyl of Juniper berries. Tincture or Decoction of Hops. Juyce of Onions in Rheniſh Wine and Sack.

22. *Emmenohagogicks*, or provoking the Terms. *Roots* of Birthwort, Aron, Aſarum, Waterflag, white Dittany, Aſphodel, Garlick, Centory the leſs, Cypreſs long and round, Coſtus, Capers, *Calamus Aromaticus*, Maſterwort, Dittany of Creet, Carots, Ginger, Eryngo, Fennel, Parſly, Smallage, Graſs, Elecampane, Peony, Valerian, Knee-holly: *Leaves* of Southernwood, Garlick, all ſorts of Maiden-hair, Mugwort, Wormwood, Biſhops weed, Betony, Centory, Camomil, Calamint, Germander, Dittany, Fennel, Hypericon, Marjoram, Horehound, Brook-lime, Water Creſſes, Rocket, Origanum, Baſil, Pennyroyal, Parſly, Smallage, Rue, Savin, Roſmary, Sage. *Berries* of Ivy, Juniper, Bays, Capers, Cardamoms, Pepper of all ſorts, Aniſeeds, Amomus; Seeds of Aſparagus, Fennel, Smallge, Parſly, Lovage, Hartwort, Biſhopsweed, Cicers, Carrots. *Gum* of Guajacum, Aloes, Myrrh, Juyce of Damask Roſes, Syrup of Roſes ſolutive, given to ʒiiij.

23. *Traumaticks* or *Vulneraries*. *Roots* of Comfry, Biſtort, Tormentil, Avens, Gentian, Cinkfoil, Birthwort, Bears Breech, Hog-Fennel, Zedoary, Galangal, *Leaves* of Prunella, Pyrola, Ladies Mantle, Sarracens conſound, Bugle, Tanſie, Betony, Liverwort, Bloodwort, Golden Rod, Flixweed, Balſaminum, Mint, Vervain, Fluellin, Hypericon, Melilot, Yarrow, Horſetail, Elm, Plantane, Bucks horn, Cyperus, Mouſe ear. *Flowers* of Red Roſes, Hypericon, Balauſtians, Roſmary. Cypreſs Nuts, Frankincenſe, Aloes, Maſtich, Tears of the Fir tree, Turpentine, Pine,

and Larch Roſins, Stone Pitch, Liquor of Elm Leaves. Gum Elemi, Gum of Juniper, of Ivy, Tragacanth, Tachmahacca, Caranna, Sarcocolla, Dragons Blood, Honey, Sugar, Wax. *What are here wanting, ſee in Our* Synopſis Medicinæ, *lib.* 3. *cap.* 24. *Sect.* 29. *&* 34. laſt Edition.

24. *Coſmeticks. Meal* of Wheat, Barley, Oats, Peaſe, Beans, Lentils, Lupins, Orobus, and their Bran boyled in Water. *Roots* of Orrice, Onions, Hermodacts, Mallows, Marſh Mallows, white Lillies, red Docks, Briony, Solomons Seal, Radiſhes, Virginian Snake-root, Aſparagus, Graſs, Polypody, Horſe-radiſh, Aron. *Leaves* of Purſlane, Lettice, Sow Thiſtles, Poppies, Maiden hair, Trefoil, Borage, Bugloſs, Endive, Succory, Tobacco, Fumitory, Houſleek, Popular Buds, Melilot, water Creſſes, Brook-lime, Fennel, Centory, Scurvy graſs, Perſicary, Sorrel, Wood-Sorrel, Hydropiper, Garden Creſſes, wild Tanſie, Plantane, Dandelion, Ducks meat, Willow, Mallows, Althæa, Chick-weed, Crowfoot, Avens, Time, Lavender, Roſmary, Sage, Sena. *Flowers* of Roſmary, Cowſlips, Primroſes, white Roſes, white Lillyes, Beans, Blew-bottle, Flower-de-luce. *Seeds* of Fænugreek, Linſeed, Fleawort, Quinces. *Juyces* of rotten Apples, Pears, ſowre Plums, Oranges, Limons, Citrons, Wine, Tears of the Birch, and Vine, Verjuyce, Spirit of Vinegar. Bulls Gall, and Galls of moſt Beaſts and Fowls. May dew, diſtilled Rain, Spirit of Rain Water, Lime water, *Lac Virginis.* Soap. Gooſe, Ducks, and Hens Greaſe. *Oyls* of Vipers, Scorpions, Lizards, Toads, Talk, Tartar, Almonds, Roſes, white Lillyes, Ben, Myrrh, and of Eggs. Niter, Salt, Alum, Vitriol, Borax, Camphir, Quick-ſilver, *Mercurius dulcis*, Sulphur, Flowers of Sulphur, Litharg, Ceruſe, Lead, *Saccharum Saturni.* Tartar, Salt of Tartar, *Sal prunellæ*, Vine Aſhes.

CHAP.

CHAP. XI.

The Kinds of purging Medicines.

1. *Purgation* is a taking away of ſomewhat; or a convenient drawing out of Humors, offending either in *Quantity* or *Quality*, or both; by Medicines proper thereto.

2. It is ſixfold, to wit, *Cathartick*, *Emetick*, *Diuretick*, *Sudorifick*, *Ptarmick*, and *Salivatick*.

Of CATHARTICKS.

3. *Cathartica*, are ſuch Medicines as work downwards, or purge out Humors by ſtool.

4. Theſe humors are either *ſmall* in quantity, or they *abound*; or they cauſe a Fever or no Fever: *or*, laſtly, they wander through the whole body, with vehement Symptoms.

5. They ought to be prepared, or made fit for Expulſion; ſuch as are clammy, being cut, and the thick to be attenuated; the Paſſages being made open and free by Cliſters, Suppoſitories, emollient Broths, and ſuch like.

6. The *Medicaments* by which this *Evacuation* muſt be performed, are either mild, which reach only the Interiour parts; *or* ſtrong, which penetrate beyond the Liver, to the Exteriour parts, and into the habit of the body. *Again*, they are either particular, appropriated to ſome ſingle humor, as Choler, Flegm, Melancholy, or Water; *or* Catholick and Univerſal, which purge all humors at once.

7. Therefore, Conſider the humor abounding, (See *Our Synopſis Med. lib.* 1. *cap.* 44. 45. *&* 46.) and the Medicaments proper to evacuate the ſame, and give them; the contrary put the ſick in danger.

8. Thoſe which are appropriate to Choler are call-

ed *Cholagoga*; to Flegm, *Phlegmagoga*; to Melancholy, *Melanagoga*; to watery humors, *Hydragoga*; and to all humors, *Panchymagoga*, or *Holagoga*.

9. The body ought to be first (before purging) prepared, as at *Sect.* 5. above, as *first* by exciting natural heat, and strengthning of it: *Secondly*, by fitting the Humors, as if tough and clammy, to prepare them with cutting Syrups, as those of Sorrel, Wood-Sorrel, Vinegar, Limons, Citrons, Honey of Squills, *&c.* If thick, to make them thin. *Thirdly*, by opening the Passages by Clisters, *&c.*

10. The *next thing* you are to do, is (as well as to fit the purge to the humors) to make it *sympathize with the parts of the body afflicted.* And so,

11. *Agarick* is truly appropriated to the Head: *Cassia* to the Breast and Kidneys; *Aloes* to the Stomach and Guts; *Rhubarb* to the Liver; *Sena* to the Spleen; *Turpentine* to the Reins; *Iallop* to the Throat and Bowels; *Colocynthis* to the Brain; *Scammony* to the Womb, and extream parts; *Hermodactis* to the Joynts; *Mecoachan* to the habit of the Body.

12. *Let every Purge receive it's due correction, with things of thin parts, which are odoriferous and carminative*; as Pepper, Ginger, Cinnamon, Mace, Nutmegs, Cloves, Spicknard, Aniseeds, Carroways, Schœnanth, Liquorice, Spirit of Salt, Oyls of Vitriol, or Sulphur, allayed with Water; lest that they should over-turn the Stomach, and that Wind may be expelled: yet let not the Corrector be in so great a quantity, as to move Urine.

13. If the purge be dull or slow in working, let it be quickned by addition of some nimbler thing, as *Cremor Tartari*, *Sal Gem.* *For since that purges act by help of the expulsive Faculty, so as to disturb and jumble the whole mass of Blood, and then to separate the humours (although their substance be partly in the Veins) the nimbly and smoother they work, 'tis certainly so much the better.*

14. The

14. The *Conveniences of Purgation are now to be conſidered*; *viz.* 1. Whether it ought to be done, or no. 2. How much or often. 3. When. 4. After what manner.

15. If the Body is ſound and well; *or* ſick and diſſolved, thin, or conſumptive; *or* is griped without Evacuation; *or* has an Apoſtem in the Guts; *or* the parts you would purge rage with pain; *or* the Belly be bound, or Stomach weak; *or* if the Sick purges only by the ſmell of Phyſick; *or* if there be a paucity of Humors; *or* if the Midriff be extended, raiſed, burned, or inflamed, and the Urine fiery; *or* the Belly is exceedingly bound: In any of theſe caſes, you may not purge, but rather give a Clyſter.

16. But if there be Gripings without a Fever, heavineſs of the Knees, and pain in the Loins; *or* if the Sick be hard to vomit, and indifferently fleſhy; *or* if the matter conceived in the Member be moveable; *or* if nature does not incline to a Criſis; *or* where the Conditions at *Sect.* 15. are abſent: In all theſe Caſes you may purge.

17. *How much, or often:* Herein you muſt conſider. § 1. That you firſt uſe *gentle Purgations*, rather than *ſtrong*; a Doſe rather *too ſmall* than *too great*; and purge *more ſeldom* than *too often*. § 2. That the parts in the Region of the Belly require *Lenitives*; the Veſſels *moderate Purgatives*; the Habit of the Body, *ſtrong ones*. § 3. That a ſtrong Cacochymick Body *be not purged too violently*, leſt the Spirits be diſſipated: the leſs the humors are, the ſtronger may be the Cathartick. Weak Cacochymick bodies ought to have *ſmaller Purgations*, and the remaining humors to be drained away by *gentle repeated Lenitives*. § 4. If the Strength languiſhes through Reſolution, as in a *Conſumption*, you muſt *purge gently and often*; ſo alſo Women with Child, in the ſeventh month, leſt, the Child being heavy, by the ſtrong working of the Medicament, it ſhould be caſt downwards. § 3. *Old*

Perſons, whoſe Age has conſumed their Juyces; *Children*, who by reaſon of their growth and rarity, eaſily evaporate their Humidity; *Men* of a rare or thin Texture of Body; *Lean Perſons*, and ſuch as are *Long Legged*, who becauſe they have large Veins, are eaſily purged; *Stammerers* who are lyable to a Looſneſs; and ſuch who have *their Stomach only out of Frame*: All theſe ought to be purged with *Gentle Cathartick*s, for they cannot bear ſtrong Purgers, but ſuffer Detriment thereby. § 6. But *ſuch as live hardly*, as Ruſticks; *Such as are Melancholy*, ſo made, either by Nature, Diet, or Sickneſs; or *Such in whom gentle Purgations* will do nothing; or *Such as have their bodies ſolid*, and full of Juyce: All theſe require *ſtrong Purgations*. § 7. Laſtly, Where *great Plenty of Humors* are profoundly ſcituate in the body, or *where manifold Evacuations are needful*, you muſt uſe plentiful Purgations, either joyntly or ſeverally, beginning with the more gentle firſt.

18. *The* Quando, *or when you ought to purge.* § 1. Purge *Women with Child*, about the middle of their Time, or when the Child begins to ſtir, (See our *Synopſis*, *lib.* 3. *cap.* 13. *Sect.* 57.) and that when the humors are in Agitation: *Women in Child-bed*, are not to be purged till their Month be over, § 2. *In peracute Diſeaſes*, if the matter be unruly and in Motion, you may purge the very ſame day, becauſe of the Tenuity and Fluxability of the matter. § 3. *In intermitting Diſeaſes*, you may purge in the Intermiſſion; by no means in the Paroxiſm. § 4. *In Chronick Diſeaſes*, purge not before the matter is attenuated and made fluxile, and the paſſages opened. § 5. *In Summer time*, give the Purge by break of day, *in Winter time*, by day-light; and let it be given two or three Hours before Meat. § 6. *Laſtly, the Juyces which are in motion, or will ſuddenly be in Motion*, are forthwith to be evacuated to prevent the Increaſe of the Diſeaſe.

19. *The*

19. *The* Modus, *After what manner.* § 1. *To every Humor*, you muſt exhibit it's proper Purgative, letting it as much as may be ſympathize with the part afflicted. § 2. *To the Bowels* and near parts; or *in melancholy caſes*, it is good to uſe Medicines of a *Liquid form*; but if *Melancholy ſimply abounds*, the Cathartick ought to be *mixed with Lenitives* and *Moiſtners*. § 3. *In purging the remote parts*, as the Head, Brain, Arms, Feet, Nerves, Joynts let the form be hard, as *Pills Troches*, &c. for they lye longer, to call the offending Humor. § 4. *Purgers that leave a binding quality behind them*, are hurtful in evacuating tough Flegm or Melancholy, becauſe they make the Humors harder, but in Choler and putrid Flegm, (from whence comes Defluxions and a Looſneſs) they are very proper. § 5. *Of theſe kinds of binding Purgers*, are Aloes, Rhubarb, Rhapontick, Damask Roſes, Wormwood, Myrabolans of all ſorts, Prunes, Tamarinds, *&c.* All which, (except the *Aloes*) are beſt given in Infuſion: the *Aloes*, becauſe of it's bitterneſs, is beſt in the form of a Pill. § 6. In *Summer time*, you ought to give your Purges with cool things; but in *Winter time*, after Preparatives, mixed with Attenuaters, becauſe then the Humors are more difficult to move. § 7. *Lenitives or gentle Purges*, muſt be given a little before or after meat, leſt nature put it to a wrong uſe, by turning it into Nutriment; *Strong Purgers*, three hours before meat; for about three hours after they work, the ſick may begin to eat: but in giving the *ſtrongeſt Purges*, let the whole Operation be over, before the Sick dines, or begins to eat any food; but if the Sick cannot hold out, but during the Purgation, ſeems to be weakned, or is very hungry, let him drink preſently after the taking of his Medicament, a draught of Broath, or Poſſet-drink, or thin Mace Ale. § 8. Laſtly, *When the Evacuation is ended*, (which is known by the great Thirſtineſs of the Sick) let the bro-

of a Pullet be given with Sugar, to wash the Guts.

20. *The Accidents in purging.* § 1. *Not working.* If it works not at all, give hot Broath, Posset drink, Pulp of Prunes, or an emollient Clyster, or all of them. § 2. *Working too violently.* In this case, you may give Barley-water, or Broth, for that will cause that it shall work little or nothing, by reason of it's restrictive Faculty; *or*, the Dissoluion of Gum Tragacanth; *or*, Decoction of Mallows; *or*, Oyl of sweet Almonds; *or*, Syrup or Juyce of Quinces, anointing the Belly and Stomach with Oyl of Roses; *or*, (if all the aforesaid things do no good) *Laudanum*, à gr. j. *ad* iij. *or*, if that fail, give a *Vomit*, to divert the Course, and bring the matter upwards. § 3. *Voiding Blood.* In this Case give a Clyster of new Milk, Honey, and Oyl; *or*, a Clyster only of Oyl and Honey; anointing the Fundament with Oyl of Amber p. j. mix'd with Oyl of Almonds p. ij. § 4. *Nauseating* or *Loathing.* It is taken away by a Linnen Cloath dip'd in Vinegar, put upon the Cup; *or*, by drinking or washing the Mouth with Juyce of Pomgranates, both before and after the taking; *or*, by tasting a little Syrup of Vinegar, or Limons, or Citrons, or Coral, or Mint; *or*, washing the Mouth with Vinegar, and smelling to it, § 5. *Vomiting.* It is stayed by Stomach Strengthners, and the Medicaments at § 4. *Or*, by Cupping-glasses, applyed to the Navel; *or*, by holding an Egg to the Throat; *or* putting toasted Bread to the Nostrils; *or*, by smelling to an Onion; *or*, to Bread dip'd in Vinegar. § 6. *Gripings*, they are mitigated by a Lenitive Clyster; *or*, exhibiting Carminatives by the Mouth; *or*, a decoction of Mastich, with luke-warm water. § 7. *Convulsions.* They are remedied, by anointing with *Balsamum Nervinum Schroderi*, and taking inwardly, *Spiritus Diapente ad* ℈j. in generous Wine. § 8. *Lastly, to prevent the former, and other ill Accidents*, after the purge is taken, the sick must

muſt reſt, that Nature may embrace the Medicament; then uſe a little motion, to melt the humors, and that the expulſive Faculty may be provoked. If the Medicament be ſtrong, the Patient may ſleep a little after it; the contrary, if it be weak.

Of EMETICKS.

21. *Emetica* are ſuch Medicines as purge or work upwards, and by Vomit. *Theſe work more violently, and afflict the Body more than Cathartick.*

22. The *Humors ejected by Emeticks* proceed from Choler, Flegm, and Melancholy, but thoſe eſpecially which reſide in the Capacity of the Belly or Stomach, or are contained in the Spleen, Hollow ſide of the Liver, or the Pancreas: as alſo ſuch which of their own accord, tend upwards, known by bitter Belchings, Pain, Biting, and Heavineſs of the Midriff. Therefore,

23. *Let Emeticks be given*; *firſt*, in all the aforenamed caſes; *ſecondly*, in a Cachectick, Scorbutick, and Cacochymick Diſpoſition of the whole Body; for that they draw from all parts.

24. *Emetick Medicaments procure vomiting*, either becauſe they have an Inclination upwards: *or*, becauſe they do, as it were, float upon the Stomach, and oppreſs the ſame: *or*, becauſe they looſen the upper Orifice of the Stomach.

25. *They ought not to be given* to Women with Child: *nor* to Women ſubject to Fits: *or*, to Perſons in a Conſumption, *or* that have an Ulcers in the Lungs: *or*, that have a Suffuſion: *or*, have a Weakneſs of Sight: *or*, to very old People: *or*, to ſuch as are hard to vomit.

26. *But to perſons of a Lean habit*, ſuch as are accuſtomed to, and eaſily vomit, have a firm head, large Breaſt, nor ſpit Blood, they may ſafely be given.

27. *Let Emeticks be given in Summer*, becauſe, then the Humors are carried upwards, *before meat*, in thin and cholerick perſons; *after meat*, in flegmatick people.

28. *If*

28. *If you vomit with Hellebor*, be ſure the body be free from a Fever, (leſt it cauſe a Convulſion) and let it be after long vomiting; let it be given in a large doſe (*ad* ℈ij. in powder, and *ad* ℈j. in Extract) And if the *Hiccup* come after taking of it, ſtop it, by giving Muld Sack, boyled with Rue.

29. *Let the Vomit be ſo much lighter*, by how much the Diſeaſe is the more vehement: and *ſo much the ſtronger*, by how much the part to be cleanſed, is far ſcituate in the body.

30. *Let no Oyl be uſed as a Vomit in Fevers*, becauſe of the Relaxation of the Stomach, whoſe Strength (in thoſe Diſeaſes,) ought eſpecially to be preſerved.

31. Laſtly, *obſerve, that in giving Hellebor*, a leſſer doſe than is fit, agitates the Juyces, and diſturbs nature to no purpoſe: for which reaſon, the larger doſe is ſo much the better, provided, that the Sick had uſed other gentle vomiting for ten or twelve days before hand.

Of DIURETICKS.

32. *Diuretica* are ſuch Medicines, as purge downwards, and by Urine. Or, *Diureſis* or *Urination*, is the drawing of Humors out of the Body, by Medicines provoking Urine.

33. *They are given in Diſeaſes of the Reins and Bladder*; in Dropſies, Scurvies, wateriſh Diſeaſes of the Blood, Obſtructions of the Urine by Gravel, Stones, Slime, Matter, Stoppage of the Terms, Cachexia, Greek-ſickneſs, *&c.*

34. *They are alſo duely adminiſtred* in all ſuch Diſeaſes as are evacuated by little and little; and where the Humors are thick and aduſt, and ought to be made fluid.

35. *But they ought not to be given* to bodies full of ill humors, unleſs they are firſt abated by Purgation; leſt, by their Thickneſs and Plenty, while they ruſh head-long into the narrow Paſſages, they ſhould ſtop them, and ſo make the Obſtructions greater.

36. Nei-

36. *Neither are they to be given* in dry Diſeaſes, ſuch as Conſumption, Madneſs, *&c.* nor where the Paſſages are either exulcerated or inflamed: *Nor ought they to be mixed with Perfumes,* (if given to Women) leſt they be drawn to the Womb. See *cap. 9. Sect.* 22. aforegoing.

Of SUDORIFICKS.

37. *Sudorifica* are ſuch Medicines as purge by Expulſion and Sweat, through opening the Pores of the Skin all over the Body.

38. *They cauſe Sweat*, by turning the Humors into Vapors, and thruſting them outwards.

39. *All ſorts of Sudorificks* have a greater Tenuity or Subtilty of parts than *Diureticks* have; and thoſe which are hot, are more ſubtil than thoſe which are cold.

40. *Hot Sudorificks*, as they are more ſubtil, ſo they work by Rarefaction; *cold Sudorificks* work by an occult quality, or by making the heat fly from the Center to the Circumference.

This is apparent; for a man in a Sweat on a hot day, if he drinks cold water, or ſmall beer, will ſweat the more; whereas, if he drunk Spirit of Wine, or Strong Waters, they would cool him: for, as like cleaves to like, ſo every unlike flys away.

41. *They ought not to be given* to Cholerick people, becauſe they ſweat hardly: *nor* when the humors lye in the Cavity of the Womb, Guts, or Stomach, *&c.* and not in the habit of the Body: nor if the body be weak, *or* weakned by former Sweating.

42. *Nor ought they to be given* where the humors are thick and many: *nor* in Tumors, leſt the morbifick matter being carried to the Skin, ſhould evaporate the thin, and leave the thick behind, to cloſe the pores of the Skin, and ſo cauſe a Scurf, or an incurable Hardneſs.

43. *But in old and cold Diſeaſes* as Diſtillations, Catarrhs, Palſies, Sciatica's, Gouts, Numbneſs, pains of the Joynts; as alſo after Univerſal purgings, and in the declination of Diſeaſes, they

are

are of exceeding good uſe: ſo where the Humors are thin.

44. *But they are of moſt admirable Effects* in the Meaſles, Small Pox, all ſorts of Malign, and peſtilential Fevers, wherein, they may ſafely be given without reſpect to either Time, Diſeaſe, or Strength of the Sick. See *cap. 9. Sect.* 14.

Of PTARMICKS.

45. *Ptarmica* are ſuch Medicines as purge the Brain by the Noſtrils, and that either by a *Flux of matter*, or *by Sneezing.*

46. Thoſe Medicaments *which draw a Flux of matter*, are called *Errhina*, or Errhins; and theſe are either Liquid or Solid.

47. *The Liquid* are either in form of Water or Juyce, which are either anointed within the Noſtrils, powred in, or caſt in with a Syring.

48. *The Solid* are made out of convenient Roots, Stalks, Bolus's, or Electuaries, made neerly, ſtiff enough to make into Pills, and formed almoſt pyramidal, of about an Inch and half long; *or*, they are formed of the Powder of Simples, which are blown into the Noſtrils with a Quil.

49. *The Intentions of theſe are*, to open, obdurate Obſtructions of the Head, ſuch as have been of ten, twenty, or thirty years ſtanding, where, by inveterate Headaches, Megrims, Vertigo's, Carus, Lethargy, Dullneſs, Dimneſs of Sight, Stoppages of the Noſtrils, (cauſing the party to keep their Mouth always open) Epilepſies, Apoplexies, Convulſions, Palſies, Catarrhs, Ulcers of the Lungs Conſumptions, Kings Evil, Quinſies, Coughs, Aſthmas, and a multitude of other ſuch like, chronick, ſtubborn, and rebellious Diſeaſes, are as it were infallibly cured, the Brain cleanſed, and the animal Spirits made clear; *It is a way of purging the Head admirable and eaſie, and will do more at eight or ten times uſing than could poſſibly be done by ten thouſand Cephalicks or head Purgers, given by the Mouth in*

in what form you pleaſe, if poſſibly ſo many could be taken.

50. *Theſe by their attractive quality, diſſolve and draw the Flegm into the Noſtrils*, which hangs about the Pellicles of the Brain; and *by their Acrimony*, they provoke the Expulſive Faculty to caſt it out, with ſuch Excrements alſo as ſtick in the Brain it ſelf.

51. Thoſe Medicaments which evacuate humors by ſneezing, are called *Sternutatories.*

52. They ſtrengthen the *Head*, and purge the *Brain* of Flegm and Water, being of admirable uſe in gentle *Obſtructions*, which have been of *no long time ſtanding*; as alſo in *other Diſeaſes of the Head*, proceeding of Cold.

Of SALIVATICKS.

53. *Salivatica* are Medicines purging *by the Pallet*, cauſing *ſpitting*; and they are either *Apophlegmatizers*, *Expectorators*, or *Mercuriates.*

54. *Apophlegmatizers*, are ſuch as *by chewing* or *gargling*, draw down Flegmatick Excrements *from the brain, by the Pallet*: but ſuch as are *chewed*, are properly called *Maſticatories.*

55. *Expectorators* are ſuch as *by the Pallet* evacuate humors contained in the *Breaſt and Lungs*: Their *chief uſes* are in Coughs, Aſthma's, Wheeſings, Ulcers of the Lungs, Shortneſs of Breath. Obſtructions of the *Stomach, &c.*

56. *Mercuriates* are ſuch Medicines, (as well outward as inward) which being made of Quick-ſilver or Mercury, purge univerſally the whole body, *by the Pallet*, cauſing a *Flux of Rhume or Spittle.*

57. *Their chief uſes* are in in the Pox, *Gonorrhæa virulenta*, Gout, Sciatica, Kings Evil, Scorbute, and other the like chronick, poyſonous, rebellious and ſtubborn diſeaſes.

CHAP.

CHAP. XII.

The Properties of purging Medicines.

1. *Purging Choler.* § 1. *Mild*; as Caſſia Fiſtularis, Tamarinds, Manna Calabrina, Aloe Succotrina, Rheubarb, Damask Roſes, Violets, Turpentine. § 2. Strong, as Aſſarum, Scammony, Pilulæ Rudii, Pilulæ aureæ. § 3. *The Number* of mild ſimple Cholagogues is VIII. of the ſtrong II. of both together X.

2. *Purging Flegm,* § 1. *Mild*; as Myrobalans Chebulan and Emblican, Carthamus Seeds, Mecoachan, Hiera picra. § 2. *Strong*; as Agarick, Iallap, Turpethum, Coloquintida, Hermodacts, Euphorbium, Opopanax, Sagapenum, Spurge, Sow-bread, Squils. § 3. *The number* of mild Simple Phlegmagogues, is IV. of the Strong XI. of both together XV.

3. *Purging Melancholy.* § 1. *Mild*; as Myrobalans Indian, Epithymum, Polypody, Sena. § 2. *Strong*; as Lapis Armenius, Lazuli, Hellebor white and black. § 3. *The Number* of the mild ſimple Melanagogues, is IV. of the ſtrong IV. of both together VIII.

4. *Purging watery humors.* § 1. *Mild*; as Soldanella, Our Orrice Root, or Root of blew Flower-de-luce, Peach Flowers, Benedicta Laxativa. § 2. *Strong*; as Gambogia, Elaterium, Briony, Ebulus, Cataputia minor, Hedge Hyſſop, Eſula, Mezereon, Ricinus or Palma Chriſti, which is the greater Spurge, Oyl of Elder ſtones, black Alder. § 3. *The number* of the mild ſimple Hydragogues is III. of the Strong XI. of both XIV.

5. *Purging all Humors.* Buck thorn berries, Pulvis Diaſena, Electuarium Diacatholicon, Extractum Catholicum Sennerti, Panchymagogon Hartmanni, Pilulæ Holagogæ, Mel Scilitum, Confectio Hamech, Tinctura Catholica Grulingii; Tinctura Ca-

Cathartica Cloſſæi. The Number of theſe are X.

6. *Purging by Vomit.* § 1. *Mild*; as Warm water, fat Broth, Oyl with Water, Butter, Groundſel, Roots of Garden Cucumer, of Orach, of Melons, of Aſarum. § 2. *Strong*; as Hellebor white, black, Tobacco, Gutta Gamba, Sulphur of Antimony, Crocus, Metallorum, Vitrum Antimonii, Mercurius Vitæ, Turpethum minerale, Vitriol, Salt of Vitriol, Hercules Bovii, Aurum vitæ. § 3. *The number* of the chief mild Emeticks are IX. of the chief Strong XIII. of both together XXII.

7. *Purging by Urine.* § 1. *Mild*; as Roots of Parſly, Smallage, Eringo, Ruſcus, Aſparagus, Pimpernel; leaves of Parietary, Aſarum, Chervil, Scordium, Saxifrage; Seeds of Gromwel, Winter Cherries, Whey. § 2. *Strong*, as Sal Tartari, Succini, Abſynthii; Oleum Tartari, Baccarum Juniperi, Terebinthinæ, Vitrioli, Sulphuris, Salis, Ceræ; Wood and Bark of Guajacum, Saſſafras, Salt of Broom, Sal prunellæ. See *cap.* 10. *Sect.* 21.

8. *Purging by Sweat.* § 1. *Mild*; as Spirit of Wine, Angelica, Roſmary, Pimpernel, Tormentil, Gentian, Carduus ben. Scabious, Zedoary, Pepper. § 2. *Strong*, as Lignum Guajacum, Spirit and Oyl thereof, Saſſafras, Bezoar Stone, Aurum Diaphoreticum, Antimonium Diaphoreticum, Bezoar Joviale, & minerale, Sal Tartari, Sulphur Auratum, Salt of Vipers, Spirit of Sal Armoniack, Mithridate, Venice Treacle, Our new *London* Treacle, Electuarium de Ovo; Laudanum noſtrum, Londinenſe & Paracelſi, Treacle Water, Prophylactick water of Sylvius, Spirit and Salt of Harts Horn, Saffron, Camphir, Opium.

9. *Purging by the Noſe.* Roots of Orrice, Bindweed; Leaves of Beets, Anagallis, Marjoram, Sage, Betony, Ivy, Elaterium, Ginger; Roots of Pyrethrum, white Hellebor, Sneezwort Leaves, Tobacco, Pepper, Muſtard, Staphiſacre, Nigella, Euphorbium, Scammony, Gambogia, Colocynthis, Confectio Hamech, Grains of Paradiſe.

10. *Pur-*

10. *Purging by the Pallet or Throat.* § 1. *Apophlegmatizers.* Ginger, Pyrethrum, Water Creſſes, Pepper, Muſtard-ſeed, Staphiſacre, Maſtich. § 2. *Expectorators.* Elecampane, Liquorice, Birthwort, Angelica, Orrice, Squills, Fennel, Parſly, Dill, Hyſop, Maidenhair, Scabious, Colts-foot, Seeds of Water Creſſes, Eryſimum, Cotton, Jujubes, Raiſons, Currans, Figs, Sugar, Honey. § 3. *Mercuriates.* Mercurius Dulcis præcipitatus & ſublimatus, Turpethum minerale, Crude Mercury, Unguentáque mercuriata.

CHAP. XIII.

Of the Accidental Virtues of Medicaments.

1. THE Accidental Vertues of Medicaments, are the Complements of the Eſſential.

Thus, *A Medicine eſſentially provokes Urine; it therefore eſſentially cures the* Stranguria, *&c. But by accident it helps the* Dropſie, *becauſe it is a watery Diſeaſe.*

2. Therefore *Medicines* are conſidered in the Cure of Diſeaſes under a twofold Notion, to wit, as they either *alter*, or *reſiſt Poyſon*, or *purge*.

3. *Altering Medicines* are conſidered, *firſt*, as they change the Temperature; *ſecondly*, as they eaſe Pains; *thirdly*, as they reſtore ſomething that is loſt.

4. *Thoſe which alter the Temperature*, do it by their Contrariety in Heat, or Coldneſs, Moiſture, or Dryneſs; and ſo make ſoft, relax, rarifie, open, bind, draw, repercuſs, diſcuſs, cleanſe, *&c.* and all this, as they are appropriated to the Head, Breaſt, Heart, Stomach, Liver, Spleen Reins, Womb, Joynts.

5. *Thoſe*

5. *Thoſe which eaſe pain,* do it *by Sympathy,* as all warming things which are called *Anodyns:* or, *by Antipathy,* as all cold things which are called Narcoticks.

6. *Thoſe which reſtore ſomething* are called *Analepticks,* which are ſuch things as either increaſe Fleſh, called *Sarcoticks,* as in Wounds and Ulcers; or add Strength and Magnitude to the body, or ſome of it's parts, as in Conſumptions; which laſt, are only properly called *Analepticks,* or *Reſtauratives.*

7. *Medicines reſiſting Poyſon,* commonly called *Alexipharmicks,* or Counter Poyſons, are ſuch as either *defend the Heart* and Veſſels againſt the force of the Poyſon, as Mithridate, Treacle, Virginian Snake-root, Contrayerva, Salt of Vipers, Liver of a Mad Dog, &c. Or elſe ſuch as, *by Antipathy, deſtroy the Nature and Eſſence of the Poyſon,* as Salt of Tartar, and indeed all Alcalies: or the Oyls of Sulphur and Vitriol, and all the greater Acids, as they are oppoſite to the nature of the Poyſon.

8. *Purging Medicaments are conſidered as they evacuate;* 1. By Stool. 2. By Vomit. 3. By Urine. 4. By Sweat. 5. By the Noſe. 6. By the Pallat.

9. *Thoſe which evacuate by Stool,* cure Diſeaſes of the Humors, Belly, and Joynts: Thoſe *by Vomit,* Diſeaſes of the Stomach, Liver, Spleen, Gall, Joynts, and habit of the body. *By Urine,* Diſeaſes of the Reins, Bladder, and Abdomen. *By Sweat,* Diſeaſes of the whole body, univerſal Corruptions, malign Fevers, Plague, Poyſon. *By the Noſe,* Diſeaſes of the Head, as Apoplexes, Lethargies, Frenſie, Madneſs, Epilepſie, Vertigo, Megrim, Head-ach, Sleepineſs, Convulſions, Palſies, Catarrhs. *By the Pallat,* Diſeaſes of the Lungs, Liver, Spleen, Bones, Joynts, Diſeaſes occult, malign, and poyſonous.

10. Therefore conſider *the places* where Diſeaſes lodge, *the Humors* from whence they come, *the Temperature* that they have, *the Effects* that they produce, and *the Symptoms* by which they

are known: and so according as a Medicine is said to be either *appropriate* to that part, *depress* that humor, *alter* that Temperature, *destroy* those Effects, or *abate* those Symptoms, *either in part, or in whole*; so shall the Medicine be said to be *actidentally helpful in*, or good against the Disease afflicting.

11. *Hence the essential Virtues of Medicines* are taken from their *Property* alone, by *Cap.* 9. and 10. *The Accidental* from their *Properties* conjoyned with their *Temperatures* and *Appropriations*, by *cap.* 4, 5, 6, 7, & 8.

CHAP. XIV.

Of the Choice of Medicines.

1. MEdicines are to be *chosen, either in respect of their matter, or* in respect of their use, *or* in respect of their form.

2. *First, in respect of their matter.* § 1. That it may be *powerful* in rooting out of Diseases. § 2. That it may be *cheap*, and so the more applicable to the poor and needy. § 3. That it be *easie to be made*, to prevent Error in Preparation. § 4. That it be *small in Composition*, to avoid as much as may be Hetrogenity in Nature. § 5. That it be *made pleasant* as may be, to deceive the Pallate, and not become loathsom to the Stomach. § 6. That it be *small in dose*, because large Doses, and great quantities, not only overcome the Stomach and burthen Nature, but also bespeak so much the less Vertue in the Medicament. § 7. Lastly, that it may be *durable*, to retein it's Strength and Vertue through many Ages; and this it can only attain through an exact Purity. *And these are the things which*

we

we have been as careful as might be, to observe, in handling the following parts of this work, and to communicate to the World without deceit.

3. *Secondly, in respect of their Use or Intention.* First, That they sympathize with the part affected. *Secondly,* With the Habit and Constitution of the Body. *Thirdly,* That they may be Specificks (if possible) against, and powerful to root out the Disease afflicting. *Fourthly,* That they may be pleasant and grateful to the Sick.

If one be to cure a Disease of the Head, be sure it be with a Cephalick Medicament. Secondly, *Let it sympathize with the Constitution; so that whether Salt, Sulphur, or Mercury abound, the Medicine may answer in Quality, viz. Be either Saline, Oleaginous or Spirituous.* Thirdly, *Be sure all this while, it be a proper Specifick against the Disease.* Fourthly, *Endeavour to make it pleasant to the Pallat and Stomach, and if it be not pleasant, give it in a pleasant Vehicle; for, when all is done, if the Stomach loathe and abominates it, it will prove insuccessful, nor will it answer the intended end; for, the Stomach not embracing, but rejecting it, it's Virtues can be communicated to no part of the whole man. By this you may easily perceive, how, out of variety of Medicines (all equally powerful against the same Disease) to chuse that which shall really do the Cure: and without the Knowledge and Observance of which, (although the Medicine be both proper and powerful, absolutely to extirpate the Malady, yet) you shall wholly miss of the end. Now, the reason is this, if the Medicine be homogenious with Nature, and the Stomach, (which is the Index of Nature) it joyns it self with it, and so easily overcomes the Disease, there being two against one: but if it be heterogenious with Nature and the Stomach, (although it be a real and powerful Specifick, yet) then it performs nothing, because it has two Enemies to contend with, to wit, Nature and the Disease.*

4. *Thirdly, in respect of their Form.* § 1. According to the Nature and Situation

of the Diſeaſe, the Medicament is either to be *Internal* or *External*, or *both*. § 2. *If it be Internal*, it is either caſt in by the Mouth or by the Lower parts, and ſometimes both ways: for, ſometimes the inferiour parts are ſo obſtructed, that the things given by the mouth, can do no great matters, till thoſe Obſtructions be removed. § 3. *If the Medicament be external*, it ought to have reſpect *to the Part, to the Pain, and to the Diſeaſe. In reſpect of the Part*, it ought to be hard or ſoft, moiſt or dry. *In reſpect of the Pain*, it muſt be anodyn or narcotick. *And in reſpect to the Diſeaſe*, it ought to be ſpecifick. § 4. *If both Internals and Externals* be applyed, the Conſiderations ought to be conjunct, as aforeſaid.

CHAP. XV.

Of the Forms of Internal artificial Medicines.

1. *Of the Forms of Chymical Medicaments.* § 1. We have already delivered the Forms of Chymical Medicaments in *Our Pharmacopœia lib. 6. cap. 16.* and that in a very particular manner; yet, beſides what we have there delivered, theſe few following things may be obſerved. § 2. *In diſtilled Waters*, if you cohobate the matter diſtilled often, it will be much the ſtronger and better: and if you impregnate the Water with the Salt of the Aſhes, it will make the Water not only more virtuous, but more durable. § 3. *In making of Spirits* from Juyces; if the Juyce be ſtrained from fermented matter, and be fermented again with freſh Herbs, there will be a greater plenty of Spirits. § 4. *In making of diſtilled Oyls* from Vegetables; they ought firſt

firſt to be putrified; and then from that putrified matter you may draw off the Oyl (with ſome Spirits and a water) in a Veſica, which by a glaſs Funnel, with a ſmall Orifice, you may ſeparate. Moreover, dry Herbs yield more Oyl than green; but Peels of Oranges, [Limons, &c. not dry, are beſt. § 5. *Tinctures* are made with S. V. ſimple, or tartarized, or acuated with Spirits of Vinegar, Sulphur, Vitriol or Salt; to ℔ i. of which, put of the matter of which you would make the Tincture, being dry, or raſped, or groſsly beaten, ℥j. ij. or iij. to wit, ſo much as may yield Tincture enough to fill the body of the Menſtruum; digeſt in a warm place, till the Liquor will no more augment it's Color or Taſt; then decant it off, and filter it; or, which is better, purifie it by long Digeſtion. Mineral Tinctures are extracted with Spirits of Vinegar, of Honey, of Sugar, of Salt, Vitriol, or Sulphur: but an admirable Menſtruum (whether for Vegetables, Minerals, or Animals) is the *Spiritus Vini Philoſophicus Kirkringii*, and that of *Baſil Valentine*, as alſo, *Aqua Calcis*. § 6. *Extracts* are but only Tinctures inſpiſſated; for while the *Menſtruum* remains unſeparated, it has the Title of Tincture: after Separation, it is called an Extract. Theſe are moſt commonly made of *Purgatives*, more ſeldom of *Alteratives*: and ſometimes the *Menſtruum* is fermented Spirit of Mault, Honey, Sugar, *&c.* § 7. *In making of Magiſteries*, it is to be obſerved, that if the matter, be very hard, as Stones, and ſuch like, that it will be beſt to be firſt calcined. § 8. *Salts* are to be conſidered in a twofold Reſpect; *viz.* as volatile or fixed. *The Volatile* are raiſed by many Cohobations of the Spirit or Liquor diſtilled upon the *Fæces* or *Caput mortuum*, as we have taught in *Our Pharm. Lond. lib.* 4. *cap.* 5. *Sect.* 1. 9. 29. & 32. The more that there is raiſed of this Volatile Salt, ſo much the leſs will you find of the fixed, which is made by Incinera-

tion. You may also have the Essential Salt another way, according to that which we have taught in making the Essential Salt of Sorrel, *lib.* 2. *cap.* 10. *Sect.* 5. And here both volatile and fixed are conjoyned. *Fixed Salts* if they be made very pure, by many Incinerations, Dissolutions, *&c.* ought then to be given in a larger dose: moreover, that the lixiviate Taste may be taken away, you ought to mix them with an equal quantity of Sulphur, and then set them on fire; so will they be not only more pleasant, but also much better resist the Penetration of the Air: these fixed Salts distilled as common Salt (as some Chymists affirm) will yield a most piercing Spirit.

All artificial Medicaments have a twofold method of Preparation, as we have hinted in Our Synopsis Medicinæ, *lib.* 3. *cap.* 1. *Sect.* 17. *to wit, either* Galenical *or* Chymical; *and each method hath its several mode or manner of perfecting the thing designed; from which modes or ways of preparing arise various forms of Medicines, which are either fluid, soft only, or solid; according to the Constitution and matter of which they are made: and from which form and matter arises their Division, Use, and Application, both to* Internal *and* External *Purposes and Affects.*

We here intend to shew the principal Forms of Galenical Preparations, which are in Number fourteen, viz. 1. Essences. 2. Wines. 3. Vinegars. 4. Infusions. 5. Decoctions. 6. Syrups. 7. Quiddonies. 8. Lohochs, 9. Preserves, 10. Sugars. 11. Powders. 12. Electuaries. 13. Pills, 14. Troches. *There are many other Titles of Forms, but they are particular, as being derived either from some part of the Body,* or *some singular formality of the Preparation;* or, *from the manner of their Operation;* or, *lastly, from the manner of their Exhibition; all which, are comprehended under some of those we have already named.*

2. *To make or prepare* Essences.

§ 1. Es-

§ 1. *Eſſences* are made of the Juyces of Green herbs, preſſed out with Spirit of Wine, and digeſted in B. M. where they receive their Color, ſeparated by Inclination, and with a little Sugar reduced almoſt into the form of a Syrup. § 2. The former way is good: But ſome, and they no mean Artiſts, *make all vegetable Eſſences only by Putrefaction*; the Herb being bruiſed and putrified, the Juyce is ſeparated while it ſtinks abominably; this is kept, and in one Revolution it ſuffers a Change, the Internal Spirit or Agent revives, and the Seminal Idea has a Reſuſcitation, Corruption puts on Incorruption, and a new body appears in it's Purity (and Immortality, as in a Senſe it may be ſaid) having the ſame natural Odour or Smell, and Taſt, with that growing in the Fields, or Garden; but much more pure, clear, perſpicuous, powerful, ſtrong, and pleaſant; containing in it ſelf, all the natural Principles of which mix'd Bodies are compoſed, but ſeparated from their Putrefaction and Filth. § 3. *From hence appears how cloſe the Spirit and Soule of things, adhere to their own matter*; that although the external form is deſtroyed, and the matter it ſelf bruiſed, broken, and as it were mortified; yet the Internal energetick power, Life, or Idea, can ſuffer no Hurt, Diminution, Loſs, or Change, but remains eternally unalterable in it's priſtine Eſtate, being at moſt, but only clouded by the Alteration of the ſaid external form. I could ſpeak almoſt infinitely about this Subject, and give Demonſtrations not to be refuted: but I am confined here to be ſhort. § 4. *The Eſſences of Minerals* are not to be prepared without great Difficulties, becauſe their bodies muſt alſo be brought to a perfect Mortification and Putrefaction; but of this we ſhall ſay nothing here, referring it to another place.

3. *To make or prepare Wines medicate.*

The ground of *medicate Wines* is commonly *Rheniſh*, *Sherry*, or *Canary*; and they

are medicated by Digeſtion (in a gentle heat) of the deſigned Medicament. To every Gallon of Wine, if you uſe dryed herbs, you may put M. iv. If Juyces, ℔ ij. If of Spices or Aromaticks, ʒviij. If of Catharticks, ʒxij. If of Emeticks, chiefly, Antimonial, ʒiv. But if you deſign the Aromatick or Spicy Wine to drink for pleaſure, ʒij. of the Spices will be ſufficient, adding a little treble refined Sugar.

4. *To make or prepare medicate Vinegars.*

The Foundation of theſe kinds of *Vinegars*, is pure Spirit of the beſt or ſharpeſt Wine Vinegar; of which, you may take one Gallon, and put thereto, of dryed Herbs Flowers, or Seeds, ʒxvj. or better. If of Spices or Aromaticks, ʒviij. If of Alexipharmicks, ʒxx. If of Vegetable Emeticks, ʒxiv. or xviij. put all into a glaſs Veſſel, ſtop it cloſe, and digeſt in the Sun for forty days, or elſe in a gentle Sand heat, then decant, ſtrain, and keep it for uſe.

5. *To make or prepare Infuſions.*

§. Let the Simples be cut, ſtamped, or raſped, then infuſe them in Water, Whey, or Mead, which agrees beſt with your Intention; ſet them in the heat of Aſhes, Sand, Sun, or naked Fire, for a day, two, or three, according to the Quality of the things to be infuſed: The quantity of the Liquor is to cover the Ingredients three or four Inches above them. §. 2. Some inſtead of the former Liquors uſe a *Lixivium* of Salt of Tartar; but then it is not properly what we call an Infuſion. Others uſe *Aqua Calcis*, or water of Quicklime, which is an admirable Vehicle. § 3. Infuſions are chiefly uſed for purging Potions, upon preſent occaſions: but if the things be infuſed in S. V. or other ſtrong *Menſtruum*, it is called *Tincture*, not *Infuſion*.

6. *To make or prepare Decoctions.*

Take Spring or Rain water, Whey, Beer, Metheglin, or Wine, in which, put either Weeds, Barks, Roots, Seeds

Seeds, Leaves, Spices, or Flowers, being cut, raſped or bruiſed; a pound of Ingredients, more or leſs (according to their Strength) to a Gallon of Liquor, boyl them in a glaſed earthen Veſſel, or a *Copper Veſica* tin'd within (commonly called a *Dyet-Pot*) cloſe covered, to the Conſumption of a third or forth part of the Liquor; then clarifie it with whites of Eggs (if you ſo pleaſe, or it be not thin and clear enough) ſweeten it a little, and aromatize it with a few grains of Musk, or Tincture of Ambergriſe: if it be for Women, you may do it with Cinnamon. Decoctions are chiefly uſed in Diets for affects of the Belly, Reins, and Womb; as alſo in Diſtempers of the univerſal habit of the Body, as Scorbuts, Dropſies, Conſumptions, *&c.* and in all manner of Obſtructions of the Breaſt, Stomach, Liver, Spleen, and Womb, whatſoever.

7. *To make or prepare Syrups.*

§ 1. *The ordinary way.* If the things be green, take their expreſſed Juyce; if dry, a ſtrong Infuſion or Decoction of them: This Juyce, Infuſion, or Decoction, clarifie with whites of Eggs, or otherwiſe; and to every Pint put ℔ij. of good white Sugar, boyl them together to the Thickneſs of new Honey, taking off the Skum if any ariſes; then ſtrain it, being hot, through a Flannel bag, and keep the Syrup for uſe. § 2. *After this manner*, are made the Syrups of all cold, moiſt, and juycy Herbs. § 3. But if you make your Syrup of hot and ſpicy or Aromatick things, dry them and infuſe them in S. V. (ſimple or tartarized, or acuated with Oyls of Sulphur, Vitriol, or Salt) ℥ij. more or leſs, (as the Ingredients are in ſtrength) to a Pint: Digeſt in a very gentle *Balneo* or Sand heat; cloſe ſtop'd, for ten, twenty, thirty, or forty days, as the matter is in hardneſs; ſhaking or ſtirring it twice every day; then being ſettled, decant off the clear *Tincture*, and with moſt pure Sugar, or clarified Honey, a pound to a pound, both being

being put into a Pelican, let them circulate for a month upon a gentle Heat; then pour it forth, and keep it in a glaſed Veſſel for uſe. § 4. *Zwelfer* has another way of making Syrups, by diſtillation in M. B. which is a very excellent way; you may ſee it in our *Pharmacopœia Londinenſis, lib.* 4. *cap.* 16. *Sect.* 9. at large. § 5. *Faber* a moſt excellent and learned man, has alſo another way of preparing Syrups, no way inferiour to the former, only it is more troubleſom to do: you may ſee it in our ſaid *Pharmacop. lib.* 4. *cap.* 16. *Sect.* 100. To which I refer the Reader.

8. *To make or prepare Quiddonies.*

§ 1. *Quiddony* is the ſame thing which we call *Rob* or *Sapa*: It may be made of the Juyce of any Herb, Plant, or Fruit; but it is for the moſt part, made of the Juyces of Fruit in this manner. § 2. Take the Juyce you intend to make a *Quiddony* of, boyl it gently, to the Conſumption of a third part; then add to what remains, half it's quantity or weight of White Sugar, and by repeating the boyling to a juſt Thickneſs, make Quiddony. § 3. *Marmalades* or *Gellyes*, are made after the ſame manner, the Difference only being, that theſe latter are made of the Pulp.

9. *To make or prepare Lohochs.*

§ 1. Take any Infuſion, Decoction, Tincture or Juyce, of which, make a Syrup according to Art; or take the Pulp of any fruit brought to a good Softneſs: To this Syrup or Pulp ℔j. add impalpable Powders of the things you deſign to make your *Lohoch* of, ℥ij. *viz.* a ſixth part; mix and make a *Lohoch*, according to Art. § 2. This is a needleſs Title among the forms of Medicaments; for although, it be thicker than a Syrup, and thiner than an Electuary, yet it is, in Truth, nothing more or leſs, than a ſoft Electuary.

10. *To make or prepare Preſerves or Conſerves.*

The way of making or preparing of Preſerves and Con-

Conſerves, whether of Roots, Stalks, Barks, Flowers, Fruits, and Pulps; and thoſe either with Sugar, or Pickle, we have ſo largely and plainly taught in *Our Pharmacop. lib. 4. cap. 19.* that nothing more need be ſaid here.

11. *To make or prepare Sugars, Confects, or Lozenges.*

§ 1. Take white Sugar, diſſolve it in Roſe-water, or their proper Liquor, beat them very well with whites of Eggs, and clarifie it by boyling; ſtrain through a Cloath, boyl again, till the Water is neerly conſumed, which done, put in the matter you would make Lozenges of, and then boyl gently again, till it riſes up in great Bubbles, and being chewed, ſticks not to your Teeth: then powring the matter upon a cold Marble, anointed with Oyl of Almonds, (letting firſt the bubbles ſink after it's removal from the Fire) there work it with your Fingers; and your hands being rubbed with the powder, of which your Maſs is made, forme it into Lozenges, of what Faſhion you pleaſe. § 2. Here note, that the matter you intend ought to be in a very fine impalpable powder if it be for Lozenges. § 3. Otherwiſe, if you take Juyces, and order them in the aforegoing Method, they are properly called Sugars. § 4. But if you take the things whole, whether Roots, Tops of Herbs, Flowers, Fruits, Seeds, Barks, or Peels, and cover them with Sugar, they are then called Confects: it is done thus. Take Liquid Sugar, or Sugar made into a ſtrong Syrup, with water, or Roſe water: and putting the things to be confected into a braſs Baſon or large Copper Veſſel, let the melted Sugar drop thereon from a place above, through a very ſmall hole in a Funnel; then continually move and ſhake the things over a convenient Fire of Charcole, that the moiſture may be conſumed, and the Sugar clear, and at length cover it over with a Cruſt. § 5. Laſtly, if you would make Confects cruſted with Sugar Candy, it is like that of Candying, only it differs

fers in the Thickneſs of the Liquor.

12. *To make or prepare Powders.*

§ 1. Theſe are made of Vegetables, by drying them chiefly, and beating them in an Iron Mortar, with an Iron Peſtle, adding in the beating now and then, a few drops of Oyl of Sweet Almonds, to facilitate the Labour, and this more eſpecially, if they be Reſinous; then ſearſe them by degrees, as they grow ſmall. § 2. Minerals are brought to a powder by firſt calcining them, and then beating them without Oyl. § 3. Let them be kept alone, but when they are exhibited, adjoyn to them their equal weight of Sugar.

13. *To make or prepare Electuaries.*

§ 1. ℞ Clarified Honey, prepared according to Art ℔j. or ℥xij. melt it; to which add of the things you would make into an Electuary, (being firſt reduced into a very fine or impalpable powder) ℥iv. v. or vj. according as you would have the Electuary in Thickneſs: mix them well together, ſtirring them till the Honey is cold. § 2. Put the Electuary either into a Glaſs, or glaſed Veſſel, to keep; elſe, it will peirce it. § 3. Fill it not above ⅔ parts full, otherwiſe by reaſon of it's Fermentation it will run over. § 4. Tye it over with a Bladder, and a Leather over that. § 5. Note alſo, that if the Pouders be mixed with Eſſences, Liquors, or Syrups, they are called Mixtures.

14. *To make or prepare Pills.*

§ 1. Let your Medicines be brought to a fine Pouder, and with any proper clammy Liquor, (as Syrup of Vinegar, Limons, de Spina Cervina, or Honey) beat them well in a Mortar, till they are exactly mixed, and ſtick well together. § 2. But here note, firſt, that purging Medicines ought chiefly to be made into Pills. Secondly, That a ſmall quantity of Cremor Tartari, or Cryſtals thereof be added in the Compoſition; for that will make them work more nimbly and plea-

pleasantly. § 3. It is also to be observed, that Extracts and inspipate Juyces, are better made into Pills with proper Pouders, than by Inspissation only. § 4. At the end, add a few Drops of some Chymical Oyl, as of Anise, Caraways, Cloves, Sassafras, Rhodium, or some such like. § 5. When you form the Mass, or any part of it into Pills, you may (as the patient pleases) gild them with Leaf gold, by rouling the Pills up in a Leaf, and shaking them in a Box.

15. *To make or prepare Troches.*

§ 1. Bring your Medicament into fine Pouder; and with the Dissolution of Gum Tragacanth in Rose water, or Wine (perfumed with Tincture of Musk or Ambergrise, if you so please) make Troches, which dry in the Sun, or a warm Oven. § 2. But here note, first, if you make them long, they are called *Rotulæ* or Rouls; if broad, they have generally a Character impressed upon them, (as a Viper, upon Troches of Vipers) Secondly, if they be of no regular form, but irregular, they they called *Morselli*, Morsels. § 3. Those which are made up with fine Sugar, or Sugar Candy, are called Sugars, or Lozenges.

CHAP. XVI.

Of the Forms of External artificial Medicines.

CConsideration being had to this our brief Method, and our original Purpose and Intent, which was to omit things needless, seldom used, useless or unprofitable, and only to represent what is really the more effectual and powerful to destroy, extirpate, and root out diseases; We out of the intricate Labrinth of Authors, and great Variety of Forms,

Forms, have only choſen theſe eight; viz. 1. Lotions. 2. Oyls. 3. Balſams. 4. Oyntments. 5. Cerates. 6. Emplaſters. 7. Cataplaſms. 8. Clyſters; *as being ſufficient enough to exhibit the Vertues of any Medicament whatſoever, according to any Intention or purpoſe.*

1. *To make or prepare Lotions.*

§ 1. Lotion is a general name given to all kind of Liquors for External uſe; but in their particular Applications, they have as many various Names as Intentions. § 2. Firſt, what is deſigned to beautifie the Skin is called *Coſmetica.* 2. If for the Eyes, *Ophthalmica.* 3. If for the noſe *Errhinum.* 4. If for Application by Spunge, Cloath, or Stuph, *Epithema.* 5. If for the Mouth, *Diaclyſma.* 6. If for the Throat, *Gargariſms.* 7. If for Waſhings, *Lixivium.* 8. If for bathing, *Balneum.* § 3. The Ground of all theſe is generally Waters, Vinegar, Wine, Milk, Whey, Mead, Juyce, or Lye: in which, the medicinal matters are either infuſed, boyled, or diſſolved; and then filtered, or ſtrained, or not; according to the nature and intention of the matter, for which it is made.

2. *To make or prepare Oyls.*

§ 1. If it be from hot Herbs, dry them, and infuſe them twenty, forty, ſixty, or a hundred days in good Oyl of Turpentine, or Amber; then ſtrain and preſs them out, repeating the Infuſion if you pleaſe, two or three times; laſtly, mix this ſtraining with double quantity of Oyl Olive, and keep it for uſe. § 2. But if from cold Herbs, take their expreſſed Juyce, and boyl it in an equal quantity of Oyl Olive, to the Conſumption of the Humidity, then ſtrain, and keep it for uſe. § 3. But it will be much better, if you boil the herb and all being firſt bruiſed, till it is criſp, then ſtrain and preſs out; for by this means, the Oyl will be ſtronger, and of a green colour, which laſt would otherwiſe want. § 4. Some, before boyling, infuſe or macerate for forty days in a hot Sun.

3.

3. *To make or prepare Balſams.*

§ 1. Theſe are made of Oyl, Butter, Fat, Suet, Turpentine, Wax, Gums, Roſins, and other things, which will mix or melt. § 2. Take Oyl or Fat, and make it thick by mixture only, or melting, with the things which you would have made into the form of a Balſam, mixing with every ounce of Oyl ℥ij. of Sheep or Beef Suet. § 3. But here you muſt note, that if Juyces be added, they muſt be boyled to the Conſumption of their humidity, which is thus known, let a drop fall on fire Coals, and if it makes no Noiſe, it is enough. § 4. This alſo note, that let the other Ingredients be what they will, if Oyl, Turpentine, and Wax, be wanting, it can be no proper Balſam.

4. *To make or prepare Oyntments.*

§ 1. If you make them of hot herbs, dry, and infuſe them into Oyl of Turpentine, as we have taught above at *Sect.* 2. Then mix that Oyl with Sheeps Suet, Hogs Lard, or other Fat; and ſo much Wax as (being well melted) may make it of the Conſiſtence of an Oyntment. § 2. If the Herbs be cold, then take their expreſſed Juyce, and boyl it in the aforeſaid Lard, or freſh Butter, if you ſo pleaſe, to the Conſumption of the Humidity, adding at laſt, the Wax. § 3. However, it will be much the better, if you boyl the Herbs and all, being firſt bruiſed, but not juyced, till they are criſp, then ſtrain and preſs out, ſo will your Oyntment be not only ſtronger, but of a delicate green Colour. § 4. Some, having bruiſed the Herbs, beat the Lard with them, then infolate for forty days; and after, boyl as aforeſaid. § 5. Laſtly, here note, that if it be made up without Wax or Roſin, it is called a *Liniment*.

5. *To make or prepare Cerates, or Cere-cloaths.*

§ 1. This form takes it's name from the Wax that is in it, being a very ſoft ſticking kind of Medicament, ſtiffer much than an Oyntment, and yet nothing near ſo hard

as

as an Emplaſter: But now in our days, all ſoft kinds of Emplaſter bear that name, although they have not the leaſt Wax in them. § 2. Take thoſe Ingredients you deſign to make your Cerate of, (reducing them, if they be things that will not diſſolve, into a ſubtle Pouder) put them into their equal weight of Oyl Olive, or other Oyl; to which, add Turpentine, Roſin, A.p. Wax enough to give in the Conſiſtence of a Cerate, or ſuch a Thickneſs, that it may eaſily ſpread, being cold. § 3. For ordinary Uſes you may ſpread the Cloath here with but on one ſide; but for the firſt Intentions, for which they were invented, the Cloath ought to be dip'd in on both ſides, while the Medicine is ſcalding hot. § 4. If inſtead of the Wax, you put in Pitch, or if you put in Pitch alſo with your Wax, it is then called *Dropax*. § 5. You may make it of what Colour your pleaſe; (if you avoid the Pitch) as Green by adding Verdigriſe: red, by adding Minium; yellow, by adding Oaker: blew, by adding Bice, or Smalt.

6. To make or prepare Emplaſters.

§ 1. They are made of fat things, Oyls, Suet, Greaſe, Marrow, Turpentine, Wax, Roſin, Gums, thus: Melt ſome of the aforeſaid things, as Wax and Oyl, then add the Roſins (if there be any) and laſtly, put in your pouders, if you deſign them; ſtir them well from the Fire, till they are almoſt cold; then putting all into cold water, work it well with your hands, and make it up into Rolls. § 2. If you add *Litharge*, you muſt boyl it firſt in Oyl. § 3. If Gums be put in, they muſt be firſt cleanſed and diſſolved in Vigar, or other Liquor. § 4. If any Decoction, Juyce, or Mucilage, be put in, they muſt be firſt boyled with the Oyl, till their Humidity is exhaled. § 5. Sometimes, inſtead of Wax, there is added Labdanum, or other Gums. § 6. The Proportions of each Ingredient cannot be exactly ſet down; yet they are commonly an ounce of dry

dry things to three ounces of Oyl, Fat, or Honey: an ounce of Wax, to four of Oyl: an ounce of Rosin to six or eight ounces of Oyl or Grease.

7. To make or prepare Cataplasms.

§ 1. A Cataplasme or Pultise is commonly made of Herbs dry or green, Roots, Flowers, Seeds, Oyls, Fats, Grease, Fruits, Bran, Oatmeal, crums of Bread, *&c.* being beaten by themselves or with other things into a Pulp; or by beating the dry things into a Powder, and making them into a Body with the moist. § 2. It is done either without or with fire. § 3. Without fire a Pultise is made of green herbs stampt, or of their juices, to which other Mucilaginous things are added. § 4. With fire, the Ingredients being fitted and mixed, are boyled in a convenient Liquor, as Water, Wine, Milk, Honey, Oyl, *&c.* to their just thickness. § 5. Some Seeds as of Fænigreek, Lin, Mallows, Flebane, *&c.* are made into a Mucilage by boiling first in Water. § 6. Juicy Fruits are boiled in water to be softned, and their pulse drawn out by a Sieve, and then other things mixed therewith to the due thickness. § 7. Green things ought first to be well stampt, and then boiled to a Mucilage. § 8. Lastly, Cataplasms are commonly laid on pretty warm: but *Anacollemata*, which are Pultises for the Forhead; and *Sinapisms*, which are to make the Flesh red, are laid on cold. § 9. *A Sinapisme*, ℞ Leven, Honey, Soap, or pulp of Figs boiled in Vinegar, ℥ij. Mustard-Seed well beaten ℥j. mix them.

8. To make or prepare Clysters.

§ 1. A Clyster is a thin or Liquid Body impregnated with the properties of Medicinal things, and cast into the Guts by a Pipe. § 2. The Liquor is the Infusion or decoction of Herbs, Plants, Seeds, Flowers, Pease, Flesh, *&c.* in Water, Milk, Whey, Beer, Ale, Wine, Urine, Oyl, *&c.* § 3. The properties are either purging or altering;

tering: the altering are either Emollient, cleansing, binding, Nephritick, Carminative, or Anodyne, *&c.* § 4. The purging Clysters are the more usual; they are made by boiling or infusing of the Purgative matter (in double or treble dose to what you give by the mouth) in the intended Liquor. § 5. Altering Clysters are made by boiling in every pint of Liquor, of the Medicinal Ingredients bruised from half an ounce to ℥ij. ß. according as the Medicaments are in strength; then straining and dissolving therein about ℥j. of common salt, or sal Gem. § 6. If they be Emollient Clysters, you may mix with them Oyl ℥iiij. v. vj. or vij. § 7. In purgative Clysters, if they be powders, you need only mix them; of Electuaries or Extracts, only dissolve them in your proposed Liquor, adding as aforesaid ℥j. of sal Gem. § 8. The quantity is for a Child *ab* ℥iij. *ad* vj. for a man *ad* ℥xij. *ad* ℥xvj. § 9. *To Clysters add Suppositories and Pessanies: A Suppository* must be hard ish, smooth, long, and fit to put up into the Fundament, having in it all the medicinal properties of Clysters, as Purging and Alterative: The Purging are either gentle, strong, or strongest: *Gentle*, are such as are made of Bacon; of a Fig turned; of Goats, Ox, or Sheeps Suet; of a Candles end; of Stalks and Roots, of Beets, Blites, Cabbage, Mercury, Parsly, *&c. Strong* are such as have a little sharpness, as Alum cut and formed; Honey boiled thick; Soap boiled; Turpentine; to which add Mustard, Salt, Sugar: *strongest* are such as are made of Agarick, Aloes, Hellebor, Scammony, Hiera Picra, Confectio Hamech, Gutta Gamba. § 10. *The way to make Suppositories.* Boil Honey gently to a thickness, so that you may handle it, which you may try by droping it upon a cold Earthen dish; then pour it upon a Plate anointed with Oil: if you will add any thing, do it in powder before melting; otherwise make Rouls, and cover them therewith.

with. The proportion of Honey is ℥j. of gentle purgers ʒj. of strong purgers, common Salt, or Sal Gem, from ℈ß. ad ʒii. or ʒj. § 11. *Pessaries are made for the Womb*, in the same manner as Suppositories (but of other Medicaments) being like in shape, but longer and thicker. They are also put into a long Linnen Bag, or tozed Wool; or may be made of Roots of Madder, Cypress, Orrice.

CHAP. XVII.

Of the Use and Application of Medicines.

1. THE use of *Internal Medicaments* are to be considred, either as to the *time* of giving, or to the *way and manner* of giving.

2. *The time* is to be observed, in respect of the *Quality*: if it be an *Alterer only*, it is best given overnight, unless it be a great opener: for then (as Authors say) it is best given in the morning fasting, and sweating stoutly after it; *vide credo*. All openers are certainly best given at night; for so there will be the less danger the next day of taking cold.

3. *If it be a purgative*, let it be given in the morning; unless it be very gentle, and then you may venture to give it over-night: otherwise it may be given the one half at night, the other the next morning.

4. *The way and manner* of giving is taught from the form.

5. *Waters* are only Vehicles to convey other things in, down the throat.

6. *Syrups* may either be taken alone, or mixed with some convenient decoction, Infusion, Water, Tincture, or Broth.

7. *Tinctures and Spirits* are best taken in some convenient Water or *Syrup*.

8. *Essences, Oyls, and Elixirs*, are best taken in Broths, being first well mixed with white Sugar) for so they least offend; or else with good and fragrant Wine or Sack.

9. *Powders, Electuaries, Extracts, and Troches*, are best made into a Bolus, and with a little Syrup, or other moist thing swallowed.

10. *Pills* are best taken alone, otherwise with a little Syrup; or else put into a stewed Prune, and so swallowed.

11. *Magisteries and Salts* are best taken in Broths: yet Magisteries may be made up into a Bolus, and so taken well.

12. *External Medicines*, ought to be applyed to the place grieved: *Oyls, Ointments, and Balsoms* ought to be anointed upon the part: if they be hot by nature, let them be well rubbed in before the fire: but if cold, let the part be gently anointed without.

13. *Cerates, Emplasters and Cataplasms*, ought to be spread upon Cloth or Leather, and so clapt upon the place pained: the two first warm, the latter as hot as it can be endured.

14. *Lotions* you are to Bath or Gargle withal: *Clysters* are to be cast in by the *Anus* either with a *Clyster-pipe*, or *Clyster-Syring*.

CHAP. XVIII.

Of the Doses of Medicines.

1. *Altering Medicines if Temperate*, are given à ℥j. to two ounces: *hot or cold in the first degree* from a dram, to six drams: *in the second degree*, from

from half a dram to 4 drams: *in the third digree*, from a ſcruple to two drams: *in the fourth degree*, from half a ſcruple to a dram.

2. *Purgers which are mild and gentle*, from an ounce to ſix ounces: *thoſe which are mean*, from half an ounce to two ounces: *thoſe which are ſtrong*, from a dram to two drams: *the ſtrongeſt*, from half a ſcruple to half a dram, As Mezereon, Aſarum, Colocynthis, Aloes; but *Black Hellebor*, *Eſula*, *Scammony*, are given à gr. x. ad xx. *Elaterium*, *Euphorbium*, a gr. iiij. ad viij. *Crocus metallorum*, *Mercurius*, *Vitæ* à gr. j. ad iij. or iiij. if in very ſtrong Bodies.

3. In reſpect of Form; the common Doſe is that which is given to one man at a time; ſo *Infuſions*, *Decoctions and Waters*, are given from two ounces to ſix ounces: *Clyſters* are given a pint at a time to *Men*; a quarter of a pint to *Children*: *Purging Lenitives*, from one dram to two ounces: *altering Electuaries*, from one dram to half an ounce: *Elixirs*, *Liquors of Salts*, *and diſtilled Oyls*, from five grains to a ſcruple: *Altering Extracts*, from a ſcruple to two drams: *Magiſteries*, from a ſcruple to a dram: *Purging Extracts*, from half a ſcruple to two ſcruples: *Purging Pills*, from half a ſcruple to one dram: *Troches*, *and Salts* of Vegitables, from half a ſcruple to half a dram, or ſomething more: *Syrups*, from an ounce to three or four: *Mineral Powders*, *Spirits*, *and Oyls*, from two grains to twelve.

4. *But here you are to note*, that theſe, nor any other Rules, can be ſo abſolutely general, but that there may be ſome exceptions, or particular obſervations, which are neceſſary to be known, not being comprehended in them; ſo that notwithſtanding the limitation of theſe Doſes, they muſt be proportioned from hence, according to the age and ſtrength both of the Medicament and Patient, giving to Children ſuch a quantity, as may be well conſidered with their Condition and Ability.

CHAP. XIX.

Of Medicinal Requisites.

1. HE that would be an accomplished Physitian ought to be furnished with three things; *First*, Honesty, and a good Conscience: *Secondly*, A substantial, real, and well grounded Understanding, through the whole Art of Medicine: *Thirdly*, With all such Instruments and Necessaries, which are ordinarily made use of, in the performing of any Medical Operation, whether *Parasceuological*, *Chirurgical*, or *Pharmaceutical*.

2. *As to the First*, That he undertakes nothing, but what he really thinks he can perform; and having undertaken it, to manage the Cure, with the greatest of his skil, care, and diligence; to let the Patients health be his chief aim and end; and to proportion the Value of the Cure, in some measure to the Quality, and ability of the Patient, as well as to the difficulty, danger, and magnitude of the affect; and Lastly, (setting Covetousness aside) to act as earnestly and faithfully on the behalf of the Poor and Needy, where no recompence can be expected, as of the Rich and Full, where large and bountiful rewards are prostituted.

He that thus always walks, let the Blessings of the Highest for ever attend him, with the Presence and Good-will of him that dwelt in the Bush: let his Days be long, his Life without care, let his Enemies fall before him; let his Name and Memory live; and arriving at the highest of Old-Age, let his last End be happy and honourable.

3. *As*

3. *As to the Second*: That he well understands the principles of *Natural Philosophy*, the *Mathematicks*, and *Philology*, without which it is almost impossible he should ever truly understand Medicine: and then, that he has often and seriously read over the whole Body of Physick, both *Galenical* and *Chymical*, and been very conversant with the best Authors of both kinds, as well in *Anatomy* and *Chirurgery*, as *Pharmacy*: And lastly, not only to be acquainted *Verbally* with all the aforesaid speculations, but also *Actually*, let him perform and manage every thing with his own hands: without which, all is but an Airy knowledge, which can never perform great things, or create any true credit, or lasting Fame.

This Practice will bring Experience, and Experience Reason; which will manifest the true, essential, and intrinsick Vertues and powers of Medicaments; without the real knowledge of which, no great Cure can be perfected, nor any eminent thing attained.

4. *As to the Third*; That he be furnished with convenient Instruments. *First*, To prepare Medicines with: *Secondly*, Instruments of Chyrurgery: *Thirdly*, A convenient quantity and number, of the most effectual and choise Medicaments, adapted to the most general and usual distempers afflicting mankind.

5. The *Paraskeological Instruments*, wherewith Medicines are prepared, whether *Galenical* or *Chymical*, are chiefly these following: *A Brass Kettle, an Alembick, a Circulatory, a Sieve, a Gourd, a Balneum Mariæ, Tongs, Fire-shovel, Bellows, a Cauldron, a File, Iron rings, a Hippocras bag, an Iron Mortar, an Iron Pestle, a Marble Mortar, a Wooden Pestle, a Glass Mortar, a Glass Pestle, a Pitcher, a Marble, a Grinding Stone, a Muller, a Seperator, a Funnel, a Stirce, a Press, a Tile, a Pair of Sheres, Boxes, Vials, Gally Pots, Corks, Spoons, Strainers, Retorts of Earth, Retorts of Glass, Crucibles, Receivers, Bags, Spatula's, Scales, Weights, Goldsmith's*

Bellows, together with convenient Furnaces, fitted for any Operation, or Uſe.

6. The *Chirurgical* are either general and ſmall for the *Pocket*, or ſpecial and large for the *Cloſet and Cheſt*. The *ſmall Inſtruments* for the Pocket are, 1. *A Plaſter Box.* 2. *An Inciſion Knife.* 3. *Sciſſers.* 4. *A Spatula.* 5. *Two ſmall Probes.* 6. *An Uvula Spoon.* 7. *A Levatory.* 8. *A Director.* 9. *A pair of Forceps.* 10. *A Speculum Linguæ.* 11. *A Fleame.* 12. *A ſmall Raiſor.* 13. *A ſtitching Quill and Needles.* 14. *A Borax Pipe* (if you ſo pleaſe.) 15. *A Caſe of good Lancets.* 16. *A Salvatory*, furniſhed with theſe Ointments, *Baſilicon, Apoſtolorum, Aureum, Album, Dialthæa, Limmentum Arcæi, Diapompholigos, de Minio*: let them all be kept very ſharp, clear, and bright.

7. The large Inſtruments for the Cloſet. 1. *Crows Bills.* 2. *Terebellum.* 3. *Inciſion Knife.* 4. *Large Shears.* 5. *Screw Probe.* 6. *Diſmembring Knife.* 7. *Trafine.* 8. *Head Saw.* 9. *Diſmembring Saw.* 10. *Speculum Oris.* 11. *Syring.* 12. *Clyſter Syring.* 13. *Clyſter Pot.* 14. *Clyſter Pipes.* 15. *A Catheter.* 16. *Cupping-Glaſſes.* 17. *Spatula Mundana.* 18. *Large Spatula's.* 19. *Speculum Ani.* 20. *Speculum Matricis.* 21. *Cauterizing Irons.* 22. *Forceps for Teeth.* 23. *A Punch.* 24. *A Percer.* 25. *A Pelicane.* 26. *A Dyet Pot.* 27. *Blood Porengers.* 28. *Needles and Thread.* 29. *Diſmembring Pincers.* 30. *Raſors.* Together with Spunges, Splinters, Junks, Tape Rowlers, Linnen Cloth, Wax Candles, &c.

8. The *Pharmaceutical Neceſſaries*, are thoſe Medicaments which we have exhibited in the Second and Third Books of this preſent work, as alſo thoſe in our *Pharmacopœia Londinenſis*, lately Publiſhed, under the ſeveral Titles of *Waters diſtilled, Spirits, Oyls diſtilled and expreſſed, Balſams diſtilled, Quinteſſences, Elixirs, Tinctures, Extracts, Magiſteries, Salts, Liquors, Wines, Vinegars, Infuſions, Decoctions, Syrups, Quiddonies, Lohochs,*

Pre-

Preserves, Sugars, Powders, Electuaries, Pills, Troches, Lotions, Oyls, Balsams artificial, Cerecloths, Emplasters, Cataplasms, Clysters, Suppositories and Pessaries.

9. But because it is not necessary to have in store all that Variety; and because every young Artist is not able to make an Estimate or good choise of the best and most effectual things; we shall here condescend a little to enlighten the Industrious Student, and shew as well how the Closet ought to be furnished, as in our *Synopsis Medicinæ*, we have given a Præmonition to the Military Chest.

OPERA MEDICA.

10. *Roots, Barks, Woods,* Althææ, Asarum, Birthwort round, Contra yerva, Cinnamon, Electampaine, Gentian, Ginger, Garlick, Guaici lig. Guaici Cort. Hermodacts, Jallop, Liquorice, Mace, Mechoachan, Nephriticum lig. Onions, Orrice, Peruanus Cort. Rhodium, Rhubarb, Squils, Spicknard, Sena, Turbith, Turmerick, Virginian Snakeroot, Zedoary.

11. *Herbs, Flowers,* Anthos, Betony, Balaustians, Centory, Camomil fl. Cloves, Carduus ben. Elder fl. Fetherfew, Hypericon, Hops, Ladies Mantle, Prunella, or Self-heal, Pyrola or Winter green, Roses, Stœchas, Saffron, Sanicle, Scabious, Scordium, Tansey.

12. *Fruits, Seeds,* Acorns, Almonds, Alkakengi, Bayberries, Barly, Currans, Colocynthis, Coriander, Carthamus, Cubebs, Fænigreek, Figs dry, Galls, Ivy-berries, Line, Mustard, Myrtle, Nutmegs, Onious, Prunes, Palma Christi, or Greater Spurge, Rocket, Raisins of the Sun, Santonicum, Tamarines, Unripe Bramble-Berries.

13. *Gums, Juyces.* Acetum, Aloes, Ammoniacum, Absinthii Suc. Balsam of Peru, Benjamin, Canary Wine, Chermes, Cambogia, Caranna, Colophony, Elemi, Elaterium, Frankincense, Guajaci, Galbanum, Hypocistis Jallap, Liquorice Suc. Labdanum

num, Mandlin Suc. Meconium, Oyl Olive, Opopanax, Opium, Rheniſh Wine, Roſin, Sherry, Sugar, Stone Pitch, Sagapenum, Sanguis draconis, Sarcocol, Scammony, Tent, Tar, Tacamahac, Tartar, Turpentine common, and Venice.

14. *Meals or Flowers.* Of Barley, Beans, Bay-Berries, Guajaci lig. Jallap, Lentills, Orobus, Oates, Peaſe, Rice, Rhodium lig. Wheat.

15. *Cold diſtilled Waters,* Aſhmart, Centory, Cowdung, Elder, Frogſpawn, Fumitory, Fenniel, Lavender, Limons, Mint, Oranges, Poppies, Plantane, Roſes damask, Tanſie.

16. *Animals and their Parts.* Bees, Bears Greaſe, Cantharides, Cochinile, Civit, Caſtoreum, Deers Suet, Doves dung, Earthworms in powder, Egg ſhells calcined, Feathers burnt, Frogs dried, Gooſe Greaſe, Hogs Lard, Harts-horn raſped, Hares hair, Hogs Gall, Hens Greaſe, Honey clarified, Hog-lice dried, Ivory raſped, Ichthiocolla, Mummy, Mans Skul, Mans Bones calcined, Mans Fat, Musk, Mouſe dung, Ox blood dried, Ox Gall, Ox Horns, Ox Suet, Oyſter-ſhells in powder, Sheeps Suet, Swallows Calcined, Snakes dried, Toads dried, Viper dried, Wax.

17. *Stones, Earths, Metals, Minerals.* Amber, Alum, Antimony, Armoniack Salt, Amber greaſe, Bole fine, Borax, Bezar ſtone, Coral, Calaminaris, Cinnabar, Ceruſe, Iron, Lead, Litharge, Loadſtone, Lapis Nephriticus, Minium, Marcaſite, Nitre, Oſſiocolla, Petroleum, Pearls, Pompholix, Quickſilver, Sal Gem, Steel, Sulphur Vive, Spunge, Spodium, Tin, Tutia, Talck, Terra Sigillata, Vitriol White, Roman.

18. *Hot Waters, Spirits,* Abſinthii, Angelicæ, Anodynus, Analepticus, Caſtorei, Cæleſtis, Comminuens, Cornu Cervi, Calculum Humii, Diapente, Divina, Guajaci, Epidemica, Lavendulæ, Mirabilis, Odontalgicus, Ophthalmica Crollii, Prophylactica Sylvii, Pleuriticus, Reginæ Hungaricæ, Roſmarinii comp. Scammonii purgans, Theriacalis, Vini, Urinæ, Philoſophick

loſophick Spirit of Kirkringius.

19. *Oyl diſtilled and expreſſed.* Aniſeeds, Almonds Exp. Amber, Bricks, Bayberries, Bays Exp. Camomil, Carvi, Cumin, Cinnamon, Cloves, Camphir, Cranii humani, Dill. Egs Exp. Fennel, Guajaci, Juniper-Berries, Limon Peels, Lavender, Mint, Majoram, Myrrh, Mace diſt. & Exp. Nuttmegs diſt. & Exp. Olives Exp. Odontalgicum, Opopanax, Orange Peels, Ranarum Sennerti, Rhodium, Roſmary, Rue, Soot, Spike, Sagapenum, Saſſafras, Sage, Savin, Turpentine, Tacamahacca, Wormwood, Wax.

Balſams diſtilled. Antipodagricum Horſtii, Cordiale, Sennerti, Citriorum Compoſitum, Deers Blood, Nuttmegs, Nervinum Schroderi, Oranges, Podagricum Horſtii, Paraliticum Horſtii, Stomachicum.

21. *Eſſences and Quinteſſences.* Antimony, Bawm, Celandine, Elder-Berries, Harts horn, Myrrh, Mans fleſh, Magna, Virtutum, Terebinthinæ.

22. *Elixirs.* Alexiterium, of Camphir, Juniperinum, Lapidis Lazuli, Nephriticum Schroderi, noſtrum, Panchymagogum purgans, Paralyticum, Proprietatis Maxii, Proprietatis Paracelſi, Subtilitatis Paracelſi, vitæ noſt.

23. *Tinctures.* Aurea, Antimonii, Caſtorei, Corticum, Cathartica Magiſtralis, Cathartica Cloſſæi, Corallorum, Catholica Grulingii, Cholagoga Grulingii, Hydragoga Gruling. Juniperi Mynſichti, Cumiæ, Melanagoga, Ox Gall, Odontalgica, Piperis, Phlegmagoga Grulingii, Peſtifera, Papaveris Erratici, Sennæ, Succini, Viridis, Vitæ Mynſichti, noſtræ, Uterina.

24. *Extracts, Magiſteries.* Of Aloes, Benedictum, Catholicum Sennerti, Gentian, Hellebor black, Juniper-Berries, Laudanum Paracelſi, Londinenſe, noſtrum, Opii Anodynum, Panchymagogum, noſt. *Magiſteries,* Aluminis, Cranii humani, Magnum. Roſin of Jallop, of Scammony, Succini, Tartar Vitriolate, Vitriol, Salt.

25. *Salts.*

25. *Salts.* Ash, Armoniacum Sublimatum, Bezoarticum, Chalybiatum, Ceterach, Cranii humani, Centory, Carduus ben, Mugwort, Philosophicum Mulleri, Pslothrum Sheferi, Prunellæ, Soot, Serpentum, Scurvygrass, Tarter, Tartari Emeticum Mynsichti, Tarter nitrated, Urinæ.

26. *Liquors, Stones Artificial.* Anodynus, Alexipharmicus seu Scorbuticus, Mercurii Vitri Mynsichti, Mercurii Sacharatus Mynsichti, Mercurii Acetosus Mynsichti, Mercurii Sublimati, Nephriticus Schroderi, Opthalmicus, Panpharmicus, Salutis, Tartari, Vitæ Anodynus, *Stones Artificial*, Argenteus Cansticus, Lapis Infernalis, Medicamentosus Crollii, Magnes Arsenicalis, Rubrus, Salutis Hartmanni.

27. *Wines, Vinegars*, Absinthites, Antimoniale, Antiscorbuticum Mynsichti, Arthriticum, Chalybiatum, Benedictum, Hydragogum Barbetti, Purgans Horstii, Pectorale Salmonis, Rubellum, Sanctum, *Vinegars*, Alexiacum, Anodynum, Regis Poloniæ, Squils, Spirit of Vinegar, Theriacale.

28. *Syrups.* Acetosus Simplex, Acetositatis Citri, Alasbazi, Antimonii Emeticum, Baccarum Juniperi, Cardiacus, è Coralliis, Cydoniorum, Diamoron, Glycyrrhiza, Hæmoptoicus, Menthæ, Nutmegs, Oxymel simplex, Papaveris, de Quinque Radicibus, de Rhabarbaro, Succory with Rhubarb, de Symphyto, è Succo Rosarum, de Spina Cervina, Succorum, de Scolopendrio, Scillíticum, Violarum.

29. *Quiddonies, Lohoches, Conserves, Sugars.* Rob de Berberis, of Elder-berries, of Juniper-berries, of Mull-berries, of Quinces, Lohoch ex Alliis, è Succo Scillæ, Conserva Cephalica, Diacodium Solidum, Saccharum ex Mercurio Vitæ Correcto.

30. *Powders.* Admirabilis, Antepilept. nost. Alexipharmicæ nost. Antimonii per Calcinationem, Adstringens, Cathartícæ nost. Caulticus Barbetti, è Chelis Cancrorum, Cornachinij, Cathartícus Universalis, Specialis, ad Casum, Cathæreticus Clos-

fel,

zei, Diasenæ, Diambræ, Dianthus, Dysentericus Crollii, Hessi, Hystericus, Incarnativus, Hermodactylorum comp. ad Lumbricos Magistralis, ad Pestem, Stypticus Mindereri, Sudorificus Barbetti, Sulphuris, Thuraloes Galeni, Viperinus.

31. *Electuaries.* Confectio Anodyna, Cholagogum Sylvii, Confectio Hamech, Diatallappa nost. Diagamba nost. Diaturbith nost. Diascordium, Diacarthamum, Diacassia, Diaprunum, Hiera Picra Simplex, Hiera cum Agarico, Lenitivum, New London Treacle, Mithridate, Philonium Magistrale, Phlegmagogum Sylvii, Solutivum, Theriaca Salmoniana magis comp. minus comp. Venice Treacle.

32. *Pills.* De Agarico, Aggregativæ, Anodynæ nost. Angelicæ Grulingii, Cochiæ minores, Catholicæ Potesii, Cambogiæ, ex Duobus, Diureticæ Clossæi, de Galbano Sylvii, Holagogæ, Hydropicæ Bontii, de Lapide Lazuli, Laudanum Paracelsi, Sennerti, nostrum, Mercuriales Herculis Saxoniæ, Rudii, Ruffi.

33. *Troches.* Albi Rhasis, Alhandal, Bechici nigri, de Camphora, de Gutta Gamba, Sief de Thure, de Terra Lemnia, de Vipera.

34. *Lotions.* Aqua Ophthalmica, Ophthalmica viridis, Ophthalmica Bruni, Schroderi, Quercetani, Nostra, Visum Conservans, Lac Virginis Schroderi, Lixivium Benedictum Mynsi. Diureticum Mynsichti, Tartari.

35. *Oyls Simple.* Castor, Camomil, Dill. Elecampane, Euphorbium, Hypericon, Lillies, Myrtles, Mastich, Nardinum, Roses, Savin, Scorpions, Vipers, *Oyls Compound*, Anodynum nost. Benedictum, Catellorum, Excestrense, Hirundinum, Hyperici, Nardinum, Vulpinum.

36. *Balsams External.* Arcæi, Amarum, Deers blood, Hipnoticum, Lucatelli, Polychrestum, Polychrestum nost. Saponis, Saturni Anisatum, Saturni cum Aceto Mindereri, Terebinthinæ, Vulnerarium, Vulnerarium Hartmani, Maxii, Schroderi.

37. *Oynments.* Album Camphoratum, Ægyptiacum, Apostolorum, Aregon, Aloeti-

Aloeticum, Basilicon majus, minus, Comitissæ, Dialthæa, Diapompholigos, Enulatum cum Mercurio, Fuscum, Laurinum Vulgare, de Minio, Martiatum, Narcoticum, Nicotianæ, Nutritum, Neapolitanum, Nervinum, Populneum, Rosinum, Rubrum desiccativum, de Resina Comp. Regis Angliæ, ad Scabiem Barbetti, Sympatheticum, Tutiæ, Terebinthinæ, Vulnerarium Simplex, Compositum.

38. *Emplasters, Cerates.* De Ammoniaco, Aranearum, Catagmaticum, Diasulphuris, Diacalciteos, Diachylon Simple, cum gummi, Divinum, Epispasticum, Elemi Gummi, pro Fonticulis, de Galbano, de Galbano Crocatum, Griseum, pro Herniosis, ad Herniam nost. Leoninum Arcæi, de Mastiche, Mellioti simp. de Minio simp. compositum, Nervinum, Oxycroceum, Oppodeldoch Wurtzii, ex Pelle Arietina, de Ranis cum Mercurio, Sine pari, Stomachicum Galeni, Stibicum Paracelli.

39. *Injections, Suppositories.* Ad fluxus Uteri, Uterinus, *Suppositoria* Cephalica Mynsichti, Dysenterica Anodyna Mynsichti, Sicca Mynsichti, Stiptica Mynsichti.

40. *Metaline Preparations.* Of ♄, Saccharum, Pulvis, Lac, Spiritus, Oleum, Manna Saturni: of ♃, Sal, Spiritus, Oleum, Crystalli Jovis: of ♂, Crocus astringens, Aperitivus, Vitriolatum, Magisterium nost. Tinctura Croci, Vitriolum Martis, Vinum Chalybiatum Finkii: of ☉, Aurum Diaphoreticum, Aurum potabile, Grulingii, Mynsichti, Aurum Vitæ, Tinctura Auri: of ♀, Tinctura, Sal, Ens Veneris, Balsamum Cupri, Sal Veneris Schroderi, Oleum Æruginis: of ☽, Tinctura, Magisterium, Crystalli Lunæ, Pilulæ Lunares, Argentum potabile, Causticus Argenteus.

41. *Mercurial Preparations.* Arcanum Coralinum, Aqua Phagedenica, Bezoar Solare, Bezoar Lunare, Corrosive Sublimate, Cinnabar Artificiale, Gryphus Mercurii, Hercules Bovii, Liquor Mercurii, Laudanum Minerale, Mercurius dulcis Sublimatus, Mercurius dulcis praecipitatus

cipitatus albus, rubrus, Mercurius Vitæ Catharticus, Præcipitatum Viride, aureum, Turpethum Mineral.

42. *Antimonials.* Aqua Benedicta Rulandi, Aqua Ophthalmica à Croco Metallorum, Antimony Diaphoretick, Antidotus ʒ ij. aurea, Butyrum Antimonii, Crocus Metallorum, Ceruſſa, Flores, Oleum Saccharatum, Regulus, Sal, Sulphur, Tinctura, Vitrum, Vitrum præcipitatum, *Vitrum Catharticum*, Antimonii, Lilium Paracelſi, *Catharticum Minerale*, Pilulæ albæ, Pulvis Anglicanus, Spiritus Vitæ aureus Rulandi, Syrupus Emeticus Salæ, Tinctura Croci Metallorum, Tinctura florum Antimonii Vitriolatum, Tinctura florum Rubrorum.

43. *Saline preparations.* 1. *Of Salt*, Antidotus, Oleum, Spiritus Salis Cloſſæi. 2. Of *Alum*, Spiritus Aluminis aſtringens. 3. Of *Sal Armon*, Aqua Ophthalmica, Flores, Spiritus, Volatile Salt. 4. Of *Niter*, Catharticum Nitri, Nitrum Vitriolatum, Spiritus Nitri, Sal prunellæ. 5. Of *Vitriol*, Aqua ſtyptica, Colcothar Vitrioli, Extractum Narcoticum, Oleum, Spiritus, Sal, Sulphur, Sulphur Hartmanni, Spiritus Vulnerarius, Tinctura Vitrioli, Vitrioli cum Nitro. 6. Of *Tartar*, Salt, Salt Chalybiated, Spirit, Tincture of the Salt.

44. *Sulphurs.* Balſamum, Balſamum Vitæ, flores, Lac, Oleum, Spiritus Sulphuris, Sal Polychreſtum, Tinctura Ambrægriſæ, Oleum, Magiſterium, Spiritus, Volatil Salt of Amber, Petroleum, Sperma Cæti.

45. *Stones prepared.* Pulvis, Sal Cryſtallorum, Sal Lapis Judaici, Pulvis de Lapide Lazuli, Prepared Pearls, Salt and Magiſtery: Pulvis Oſſiocollæ, Tinctura Smaragdi, Prepared Coral, Oyls, Salt, Tincture of Coral, Arcanum Perlarum, Eſſentia, Perlarum, Aſhes, powder, Liquor of Talck of Cloſſæus, Oyl, Spirit of Terra Sigillata.

Out of this Compendium *The Artiſt may chuſe what things he pleaſe; or Subſtitute other experiments of his own in their place: A well diſciplin'd*

plin'd Profeſſor may out of 50, or 60 good Medicaments find a Cure for moſt, if not all Diſeaſes happening to the Bodies of humane kind: and if he has a ſpecial occaſion for any other Specifick, he may have it prepared on purpoſe for that neceſſity, this is in truth the beſt way of dealing with Medicines.

CHAP. XX.

The Art of Compounding Medicines.

1. *ALL Diſeaſes whatſoever are cured by Medicaments (whether* Simple *or* Compound *) having a certain property, peculiar appropriation, and a diſtinct limited Temperament.*

2. Therefore, *When any Diſeaſe falls under Conſideration, in reſpect of Cure, you are to conſider the means or nature of the Medicament by which it is to be removed, whether by alteratives alone, or by medicines taking away ſomething, or by medicines adding or reſtoring ſomething*: In order to which, if you have none ſo Artfully or Skilfully compoſed, as you deſire, but muſt conſtitute one anew, you muſt carefully obſerve the following Rules.

3. *Where Alteratives are only neceſſary, as in Diſeaſes of Intemperature, you are to chuſe ſuch, as may alter the ſaid Diſtemper, by an oppoſite quality, in a certain and limited proportion; and withal, by ſuch medicaments, as (compoſing the ſaid Temperament) may ſtronly Sympathize with the part afflicted.*

Ex. gr. Suppoſe the Diſeaſe to be a *Cephalalgia* proceeding from a hot Diſtemper of the head: in this caſe you ought to uſe a Medicament cooling, and withal a Cephalick, ſuch an one as may be made of *Lettice, Plantane, White*

White Poppies, Violets, Houſleek, &c. Suppoſe it ſhould proceed from a cold Diſtemper: then you muſt uſe a Medicament healing, and ſympathizing with the part as aforeſaid, ſuch as may be made of *Peony, Spicknard, Betony, Featherfew, Lavender, Bays, Pennyroyal, Roſemary, Anacardiums, Cubebs, Nutmegs*, &c. The like underſtand of other parts afflicted.

4. *The next thing to be concluded on, is, the Degree of the Temperature in which the Medicament ought to be compoſed.* If the Diſtemper be light, the Medicament need not exceed the firſt degree, whether it be of Heat or Cold. If it cauſes great pain, but without Inflammation, it may be compoſed to the ſecond Degree of Cold. If the pain be ſo great, as to cauſe Inflammation or a Fever, you may exalt it to the third degree of Cold: But if it be yet more outragious, as to cauſe a Frenzy, Delirium or Convulſion, the Medicine ought to exceed to the 4*th.* degree.

5. *Contrariwiſe, if the Diſeaſe proceeds of Cold*: If it cauſes but a ſmall Obſtruction and Stiffneſs, the Medicament need not exceed the firſt degree of Heat: If it cauſes Numbneſs withall, you may compoſe it to the ſecond Degree of Heat: If the cold Diſtemper be ſo great, as to induce an abſolute loſs of Feeling, or endangers a Palſie or Lethargy, you may exalt it to the third negree of Heat: But if it be ſo extream as to endanger the Dead Palſie, or a Gangreen, you have a neceſſity to uſe things hot in the fourth degree.

6. *The ſame Order and Difference you muſt obſerve in Paſſive Qualities of Dryneſs and Moiſture, making choice of things dry, for Diſeaſes moiſt, and things moiſt for Diſeaſes dry; withal, choſing ſuch things as ſympathize with the parts affected.*

7. *Theſe things being conſidered, it now remains to ſhew how, according to Art, to compoſe, to exalt, or to depreſs a Medicament to any degree propoſed*: Or, *to find out the ex-*

all Temperament of a Medicine: Or *lastly, to augment or diminish the Quantities of any of the Simples, keeping the desired Degree of its Quality*; all which in the following Sections shall be mathematically explicated and demonstrated at large.

8. First, *To compose a Medicine proposed in any Degree of Quality whatsoever.*

Let the Qualities ascend from 1. to 10. so that Temperature may be equal to 5. as in the following Table you see: where the upper Figures may stand for differences to the lower Qualities, 0. standing for Temperate: the degrees hot and dry on the left Hand; those cold and moist on the right Hand: Setting down the Differences in order, from the highest degree of Heat; and then by Alligation alternate, take the alternate difference from the Degree proposed.

Hot and dry. { 9. 8. 7. 6. 5. 4. 3. 2. 1. / 4. 3. 2. 1. 0. 1. 2. 3. 4. } *cold & moist.*

Ex.gr. *Simples hot in 3. temperate; cold in cold in 1. 3. what quantities must be taken of each, to compose a Medicine cold in 2? Answer,* 1 *part hot in* 3. 1. part temperate. 1. part cold in 1. 6. parts cold in 3. See the Example.

2 Cold	3 Hot.	3	8	1	1
	0 Temp.		5	1	1
	1 Cold.		4	1	1
	3 Cold.		2	3 2 1	6

Exa. 2. *Simples hot in 4. hot in 2. hot in 1. cold in 1. cold in 2. cold in 3. What quantities of each will make a Medicine Temperate? Answer.* 3 *parts hot in 4. 1. part hot in*

in 2. 2 parts hot in 1. 2 parts cold in 1. 1 part cold in 2. 4 parts cold in 3. as by the Operation you may see: Or by the second Operation, 3 parts hot in 4. 2 parts hot in 2. 1 part hot in 1. 1 part cold in 2. 2 parts cold in 2. 4 parts cold in 3. both ways the quantity of the Medicine is 13.

Temp.						Or thus Temp.					
	4 hot			3			4 h.			3	
	2 hot	2	7	1			2 h.	9	2		
	1 hot	1	5	2			1 h.	6	1		
	1 cold	2	4	2			1 c.	4	1		
	2 cold	3	3	1			2 c.	3	2		
	3 cold	4	2	4			3 c.	2	4		

9. Secondly, *To find out the exact Temperament of a Medicine*, dispose the Simples into one row, with their quantities, against which set their qualities; then multiply each quantity by its own quality, and substract the Sum of the facts of hot from cold, moist from dry, or contrariwise, which divide by the Sum of Quantities; the *Quota's* are the resultment, which is always of the same with the greater Product.

Example 1. *Tragea fortis Schroderi.* ℞ *Piperis nigri* ʒxvj. *cal.* 4. *sic.* 4. *Zinziberis* ʒj. *cal* 3. *sic.* 3. *Croci optimi*, ʒj. *cal.* 2. *sic.* 1. *Caryophillorum* ʒij. *cal.* 3. *sic.* 3. *Galangæ*, ʒij. *cal.* 3. *sic.* 2. *quid Temperamentum?*

	16	3	4	64		
Hot	1	3	3	3	81 (3 $\frac{11}{22}$ Hot.	
	1	3	2	2		
	2	3	3	6		
	2	3	3	6		
	22			81		

	16	3	4	64		
	1	3	3	3		
Dry	1	3	1	1	78 ($3\frac{6}{11}$ Dry.	
	2	3	3	6	22	
	2	3	2	4		
1	122	1	18	1	1	

Answer.
$3\frac{11}{22}$ deg. hot.
$3\frac{6}{11}$ deg. dry.
See the Operation.

Examp. 2. *What is the Temperature of a Medicine having Simples* 3vj. *of one hot in* 3. *moist in* 2. *and* 3vj. *of another, cold in* 1. *dry in* 3?

Hot	6 3	3	18	12	(1 hot.
Cold	6 3	1	6	12	
	12	1	12		

Answer.
1 deg. hot.
$\frac{1}{2}$ deg. dry.
See the operation

Moist	6 3	2	12	6	($\frac{1}{2}$ dry.	
Dry	6 3	3	18	12		
	12	1	1	6	1	

The like Order you must observe as (in this second Example) in other cases where the Medicament is more compos'd.

10. Thirdly, *To augment or diminish the Quality of a Medicine to any degree propos'd.*

Alligate alternately the Quality of the Medicine propos'd, with the degree of the Simple, with which you desire to raise or depress it: then say, as the higher Alternate different is to the lower, so the Quantity of the Medicine which you would raise or depress to the quantity of the Simple (whose quantity you alligated) which shall raise or depress the Medicine in quality, to the degree desired.

We

We will take the ſecond Example at Sect. 8. *whoſe quality is temperate, and raiſe it to one degree of Heat: what quantity muſt be added more of that which is hot in* 4. *to make the Augmentation of its Quality.* Anſwer. 3 $4\frac{1}{3}$. *as by Sect.* 9. *you may eaſily prove.*

6	$\left\{\begin{matrix}5\\9\end{matrix}\right\}$	$\begin{matrix}3\\1\end{matrix}$	Or thus.	1	$\left\{\begin{matrix}0\\4\end{matrix}\right\}$ $\begin{matrix}3\\1\end{matrix}$
3. 1. 13. $4\frac{1}{3}$.				3. 1. 13. $4\frac{1}{3}$.	

11. Fourthly, *To augment or diminiſh in quantity any Medicine, keeping its firſt proportion and quality.*

As the Sum of the quantities of the Simples, is to the Augmentation or Diminution, ſo is the quantity of each particular to its Augmentation or Diminution deſired.

12. Fifthly, *To find what quantity of any Ingredient is contained in any part of a Compoſition.*

As the quantity of the Compoſition to the part given, ſo the quantity of the Ingredient in the whole, to the quantity contained in the part propoſed: Or thus, *As the quantity of the whole Compoſition, to the quantity of the Ingredient in the whole: the part propoſed, to the quantity of the ſaid Ingredient contained in the ſaid part.*

13. *If the Cure of the diſeaſe requires a Medicine, which may take away ſomething, which we call Purgatives*; you are to conſider the part or parts afflicted, the matter afflicting: and by what ways and manner the diſeaſed matter may be carried off.

14. *From the Conſideration of the parts afflicted,* you are to make choice of a purgative, ſimpathizing with thoſe parts, by *cap.* 11. *ſect.* 10, *&* 11. *From the morbifick matter,* the quality of the purging materials, by *cap.* 11, *ſect.* 19. *§* 1. *From the place,* the kind of the Purge is known, or the way and mannor, by which the morbifick matter may be carried out.

15. *The first two Considerations are fully discussed in cap.* 11, *and* 12. *aforegoing: the last only remains to be enquired into*; for some Diseases require Cathartick, some Emeticks, some Diureticks, some Sudorificks, some Ptarmicks, some Salivaticks; and that according either to the situation or place of the Disease, or else according to the malignity or contumacy of the Effect.

16. *If the Seat of the Disease be in the upper Ventricle or Head*, Catharticks and Ptarmicks, chiefly solid Errhines, are of admirable use: *If the matter lodges in the Bronchia of the Lungs, or the Stomach*, an Emetick is required: *If in the Guts or Bowels* Cathartick Potions, and Clysters: *If in the Reins or Bladder*, Openers and Diureticks: *If in the Joynts and extream parts*, Catharticks, Emeticks and Sudorificks: *If in the habit of the whole Body*, Sudorificks are of singular use; but chiefly after Salivation, or the other kinds of Purgation: *If in the Mass of Blood*, there is required the alternate use of Openers, Diureticks, and Sudorificks, whereby the serous and windy matter is taken away, both by Urine and Sweat. *Lastly, if the Seat of the Disease is in the Superficies of the Flesh or Skin*, as in Apostems, Buboes, and the like, all manner of Purgation is to be forborn, except that which drives the matter outward; of which kind are all *Diaphoreticks*.

17. *If the Disease be contumacious and malign, as the French Pox*, Salivation, (if discreetly used) may be profitable; so also in some other stubborn and rebellious Diseases, as the Gout, Sciatica, *&c. Catharticks* effect much in diseases recent, and in such Bodies which have not been used to much Physick. *But if the Disease is Chronick, or of long Standing, and deep rooted, especially in some remote part*, as in an excruciating *Sciatica*, Emeticks are of wonderful force (if aptly chosen) and sometimes perform Cures even

even to a miracle. *In Diſeaſes of the Reins and Bladder, as alſo in a Hydrops, Diuretick ſeem to be the moſt proper Remedies*: but in their uſe, you muſt be exceeding cautious, leſt you bring freſh Coals to put out the Fire. *Firſt*, open the paſſage by Apperitives. *Secondly*, make them very ſlippery with Oleaginous things, ſuch as are Oyl of Sweet Almonds, Nuts, *&c. Thirdly*, exhibit the Diuretick with an oily Body: leſt the force of the Diuretick ſhould heap up much matter together, and making the Obſtructions greater, ſhould kill inſtead of curing.

18. *The Form of the Compoſition is to be choſen according to the place of the Diſeaſe*; Let it be ſolid (as in Pills and Troches) for Diſeaſes in remote parts: of a middle conſiſtency, (as Syrup, Lohoch, Quiddony) for Diſeaſes of the Mouth, Breaſt and Lungs: Liquid for Diſeaſes of the Stomach and Bowels: If this cannot be, you muſt follow the Fantaſy of the Patient: But above all (if it may be) every kind of Purge ought to be given in a liquid form, and in a Spirituous *Menſtruum*, or Vehicle (ſuch as are the Tinctures of *Grulingius*) becauſe that it is probable, the Powers and efficacy of the *Compoſitum*, are thereby received into the Veins; which by reaſon of the fluidity of the Salts, and ſpiritous nature of the *Vehiculum*, are united to the Spirits and Vehicles of the Blood, and ſo dilated through the whole ſanguinous Maſs; thereby inducing Struglings, Combinations, Fermentations, Precipitations, and Excretions of the morbifick matter: by which Diſeaſes of parts at a great diſtance, *viz.* cutaneous Diſeaſes, Leproſies, Gout, Sciatica's Struma's, Melancholly, Agues, *&c.* are oftentimes cured, beyond expectation.

19. *The ſtrength of the Ingredients are next to be conſidered, which is to be fitted to the Age, Sex and Strength of the Patient, with relation alſo to the Power and malig-*

nity of the Diſeaſe. If it be a Child or Woman-kind, or one of a weak Conſtitution, or the Diſeaſe is recent, gentle, and without malignity; you may chuſe Ingredients of a more weak and gentle operation: But if it be a man, or one of a robuſt and ſtrong Body, or the Diſeaſe is chronick, rebellious, or contagious, you muſt chuſe things more powerful and ſtrong: If the Patient be weak, and the Diſeaſe ſtrong, chuſe things indifferent; yet rather let the *Compoſitum* reſpect the weakneſs of the Sick, than the ſtrength of his Diſeaſe, leſt by endeavoring to deſtroy the Malady, ſo great a Chaſm be opened as to let out Life: In this caſe, let the Medicament be made gentle (eſpecially at firſt) then by degrees increaſe its force; and by long and many reiterated exhibitions, perform that ſafely in length of time, which otherwiſe may not be attempted without many doubts, and abſolute apparent Danger.

20. *The Numbers of the Ingredients, are only to reſpect the ſeveral Intentions for which the Medicament is compounded; and herein you are to obſerve,* 1. *That thoſe intentions be not oppoſite one to another,* as the Mixtion of Purgatives with Aſtringents, Scammony with Opium *&c.* 2. *That the chief Intentions be drawn from the chief Symptoms or Indications of Cure;* that the Medicament may diſpoſe of the morbifick matter, that way which Nature moſt inclines to: As if the Stomach be oppreſt and foul, to vomit: If a Cephalalgia be accompanied with a great Cold, and Obſtructions in the Head and Noſtrils, to uſe ſolid Errhins: If Wind oppreſs the Stomach, to uſe Aromaticks: If the Bowels, Carminatives, *&c.* 3. *That the number of the Ingredients be not needleſly increaſed above the number of Intentions, to avoid as much as may be Heterogeuity, and Confuſion in the mixture.* It is a great Folly and Vanity in many men, promiſcuouſly to jumble

ble up many things together, as if thereby the Diſeaſe was only to be overcome; whereas thoſe Compoſitions, for want of an exquiſite Judgment in chuſing each Ingredient, become many times rather hurtful than helpful to the Patient; and that great Variety of Simples, being commonly of different Properties and Natures, often enervate and weaken the Powers and Forces of each other, which in the more ſimple Compoſitions there is no need to fear.

21. *The Proportions of the Ingredients are ſometimes to be determined by the gradations of their Temperature*; of which we have ſpoken ſufficiently before, *Sect.* 8, 9, 10, 11, 12, and this is always to be conſidered when the Diſeaſe proceeds from a ſimple Intemperature. *In all other caſes the Proportions are to be determined according to the Judgment of the Phyſician.* And herein he is to conſider what he intends to make the *Baſis* or *Ground* of his Compoſition (I mean) not in reſpect of the Body or Matter; but in reſpect of that Ingredient which anſwers to his Principal Intention; As in a *Hydragogue* Electuary deſigned againſt Hydropical and watery Humors; I call not Honey the *Baſis* of the Medicament (though it be commonly of treble quantity to all the other Ingredients) but that particular *Hydragogue*, which is principally deſigned to evacuate the ſerous or watery humor. The chief material anſwer to the primary intentention being found out, all the other particulars are to anſwer to it, according to the exigency of thoſe Cauſes which drew them into confederacy with the firſt.

22. *The Doſe of the Compoſitum is to be drawn from each particular conſtituting it*, being a mean proportional between them all.

Exemp. gr. ℞ *Sammony* ʒjſs. *Coloquintida* ʒj. *Gutta Gamba*, *fine Aloes*, Aa ʒvj *Extract of black Hellebor-Turbith* Aa ʒiiij. *Agarick* ʒij. *Elaterium* ʒj. *Cr. mor Tartari*

ri ℥x. *Cloves, Nutmegs, Cinnamon, Ginger, Anniseeds,* A ℥iij. *make all into fine Powder and mix them.* What is the largeſt Doſe of this Powder? *Firſt, conſider the largeſt Doſe, or near thereto, of each of the Cathartick ingredients ſingly*, and you will find it to be of Scammony about gr. xv. of Colocynthis ℈j. of Gutta gamba, gr. xv. of Aloes ℈ij. of extract of black Hellebor ℈j. of extract of Turbeth ℥ß. Agarick ℈ij. Elaterium gr. v. *Secondly, find out how many of thoſe Doſes are contained in each particular.* In the quantity of Scammony, you will have 48 Doſes (for ℥jß = ℥xiij = gr. 720. which divided by gr. 15 = 48 doſes:) In the Coloquintida, you will have 24 doſes; (for ℥j = ℥viij = ℈xxiiij. or Doſes:) In the Gutta Gamba, you will have 24 doſes, in the Aloes 9 doſes, in the black Hellebor 12 doſes, in the Turbith 8 doſes, in the Agarick 3 doſes, in the Elaterum 12 doſes: (the other Ingredients are put in but to correct the Purgers, &c.) *Thirdly, find out the Sum or Number of thoſe ſeveral Doſes, by adding them together*: Scammony 48. Colocynthis 24. Cambogia 24. Aloes 9. Hellebor 12. Turbeth 8. Agarick 3. Elaterium 12. All theſe being added together, make 140 doſes. *Fourthly, find out the Sum or Number contained in the whole Compoſitum*, Thus, 3 12 + 8 + 12 + 8 + 2 + 1 + 10 + 15 = 68 drams: Theſe 68 multiplied by 60. the number of grains in a dram, produce a fact of 4080 grains, the Sum of the whole Compoſition. *Fifthly, divide the number of Grains contained in the whole Compoſition, by the Sum or Number of the ſeveral Doſes added together, ſo will the* Quotus *be the number of Grains for the largeſt Doſe.* So in this our Example, the number of Grains in the whole Compoſitum, are 4080. the number of the Doſes before accounted 140. by which, if you divide the ſaid 4080. the *Quotus* will be gr. 29$\frac{1}{7}$, or nearly gr. xxx. the largeſt

geſt Doſe, which is the thing required: from whence we conclude the aforeſaid Medicament may be given from gr. x. *ad* ʒß. according to the Age and Strength of the Patient: The like muſt be done in all other Compoſitions.

23. *If the Diſeaſe requires Medicaments which reſtore ſomething, theſe Intentions are neceſſary,* 1. To open the Obſtructions of the parts. 2. To ſtrengthen the parts afflicted, chiefly the Stomach. 3. To carry off the matter obſtructing by Medicines Oily, Balſamick, or Lenitive. 4. To nouriſh by ſtrong Analepticks.

Hitherto we have only ſhewn the Art of Compounding, by Precepts: In ſome of the Chapters immediately following, we will elucidate the ſame by manifold Examples.

CHAP. XXI.

Examples in Compounding Emeticks and Anti-emeticks.

1. ℞ INfuſion of *Crocus Metallorum, ab* ʒß. *ad* ʒj. Oxymel of Squills ʒvj. drams, mix them for a Doſe.

2. ℞ *Mercurius Vitæ* gr. ij. *Sal Vitrioli, a* gr. x. *ad* ℈j. *Sal Tartari* ℈ß. mix it and them well together on a Marble, and take it in a little Honey, or Pap of an Apple.

3. ℞ *Salis Tartari Emetici Mynſichti* gr. iij. *Salis Vitrioli* ℈ß. Oxymel of Squills ʒß. mix them for a Doſe.

4. ℞ Oxymel of Squills ʒjß. Wine of Squills ʒij. Carduus Water ʒijß. mix for a Vomit.

5. ℞ *Salt of Vitriol à* gr. xx. *ad* ℈ij. Wine of Squills ʒiß. mix them, 'tis an excellent Doſe.

6.

6. ℞ Powder of *Asarabacca* roots ʒj. or ℈jv. Oxymel of Squills ʒjß. mix them, and take it in a draught of *Carduus* Posset drink.

7. ℞ *Aquæ Benedictæ Rulandi* ʒj. Wine of Squills ʒjß. mix them for a Dose.

8. ℞ From vj. to ix. of the fresh Leaves of *Asarabacca*, bruise them, and put them into ʒiij. of White wine, or Sack; squeez them forth strongly, and take it with care.

9. ℞ *Hartman's* Infusion of the Glass of Antimony ʒj. Emetick Syrup of *Sala* ʒjß. mix them, and give them in a Draught of Posset Drink.

10. ℞ Infusion of *Crocus Metallorum* ʒvj. *Oxysaccharum Emeticum* of *Sala* ʒiij. Decoction of *Carduus* ʒiij. mix for a draught.

11. ℞ *Sulphur* of *Antimony*, ȧ gr. iv. *ad* viij. Crystalls of Tartar, ℈j. mix, and give it in the Pap of an Apple, or in a stewed Prune, Honey, or Broth.

12. ℞ *Aurum Vitæ* gr. iij. Emetick Salt of Tartar gr. ij. mix, and take it as the former.

13. ℞ *Gutta Gumba* gr. x. Powder of Jallap gr. xij. Honey enough to mix them.

14. ℞ *Crocus Metallorum*, Crystalls of Tartar, ȧ gr. iv. *Scammony* gr. viij. mix them.

15. ℞ *Scammony* gr. viij. *Cambogia* gr. vj. *Crocus metallorum* gr. iij. mix them.

16. ℞ Juice of Elder, or Dwarf Elder, chiefly of the Roots, ȧ ʒj. *ad* ʒjß. *Cambogia* gr. vj. Spirit of Angelica ʒj. mix and dissolve the *Cambogia* for one Dose: It is an admirable thing against the Dropsie.

17. ℞ *Glans Unguentariæ*, from ʒj. *ad* ʒij. which mix with Oxymel ʒj. *Prevotius* saith, it purges crude Flegm: you may take the Oyl to ʒij. mixt with the Emultion of Citron Seeds; and give it in Clysters for the Cholick to ʒij.

18. ℞ Juice of green Tobacco, ȧ ʒj. *ad* ʒij. Emulsion of Citron Seeds ʒiij. mix them, it purges all humors.

19. ℞

19. ℞ Warm Water, Oyl Olive A. ℔ß. mix them for a draught: If the perſon be adult, you may give it to ℔ij. to Children from ℔ß. *ad* ℔j. It is good in hot cauſes.

20. ℞ Orange or Citron Seeds ʒij. Bay leaves ʒiij. boyl in fair Water, a pint and a half, and drink it warm; it is good in a cold cauſe: Some mix Oxymel with it.

21. ℞ Decoction of Bay leaves ℔j. Niter, *à* ℈j. *ad* ʒj. mix them for a draught.

22. ℞ Decoction of *Narciſſus* Root ℔j. powder of Betony & Root ʒiß. mix them.

23. ℞. Juice of *Radiſhes ab* ʒj. *ad* ʒij. Oxymel of Squills ʒiß. *Niter* ℈j. mix them, and exhibit in Broth.

24. ℞ Decoction of Groundſell ℔ß. Juice of Radiſhes ʒj. Wine of Squills ʒj. *Niter* ℈j. mix.

25. ℞ *White Vitriol*, *à* ℈j. *ad* ʒj. Decoction of Citron Seeds ℔j. mix for a Draught.

26. ℞ Barley water ℔j. Oyl Olive ʒij. powder of *Aſarabacca* Roots ʒj. mix for a Draught.

27. ℞ Decoction of Orange Seeds ℔j. *Oxymel* ʒij. Juice of *Radiſhes* ʒj. raw *Agarick* ℈ij. mix, and make a Potion; it evacuates flegm excellently.

28. ℞ Young Sprouts of Broom ʒjß. Bay leaves, *Tobacco* A. Mj. Citron, or Orange Seeds bruiſed ʒß. water ℔ij. boyl to the conſumption of half; ſtrain and infuſe therein for 12 hours, roots of *Aſarum*, *Agarick* thin ſliced, A ʒiij. ſtrain, and with clarified Honey ℔j. boyl gently to the conſiſtence of a Syrrup, doſe *ab* ʒß. *ad* ʒj. in warm Water. *Prevotius.*

29. ℞ Roots of *Aſarum*, *Agarick* A. ʒß. Roots of Betony, Pompions, A. ʒij. Cinnamon ʒj. Anniſeeds ʒß. all being in fine powder, mix with clarified Honey ʒiv. Doſe *ab* ʒj. *ad* ʒiß.

Examples

Examples in Compounding Anti-emeticks.

30. IN a *debility of the Ventricle, whether it be from Surfeiting, immoderate Drinking*, &c. *Or from a Defection of Spirits, by reason of the Obstruction of some Nerves, these following things may be good.*

31. ℞ Tincture of *Balsam* of *Tolu* extracted with *Kirkringius* his *Philosophical* S. V. Tincture of *Wormwood* so extracted; Tincture of Salt of Tartar drawn with rectified S. V. A. ʒß. mix them; dose in Wine, gut. xx. or more.

32. ℞ Tincture of *Wormwood*, extracted as aforesaid, *ab* gut. x. *ad* xv. or xx. choice Canary ℥iij. Rhenish Wine ʒjß. mix for a Draught.

33. ℞ Dill seeds, ʒviij. Bay leaves ʒiv. Cypress tops M. v. Yellow of Orange Peels, No. x. Cinnamon, Mace, *Galingal* Roots A. ʒj: all being well bruised, put them into *March* Beer ℔vij. digest two days, then draw off the liquor to drink: Dose iij *ad* vj. spoonfulls.

34. ℞ *Elixir Vitrioli Mynsichti*, *Elixir of Mint*, *Elixir of Wormwood*, A. ʒj. mix them. Dose *ab* gut. xii. *ad* xx. two or three times a day.

35. ℞ Flowers of *Wormwood*, of Mirtle dried in the hot Sun, Dill Seeds, Mint, Bay leaves, A. ʒjß. Red Roses, *Cinnamon*, Coral prepared A. ʒij. *Cubebs*, roots of *Galangal*, A. ʒj. make all into a very fine powder; and with refined Sugar, dissolved in *Cinnamon* Water, make Tablets of ʒij. weight, of which three or four may be eaten at pleasure.

If there be a Defection of Spirits by reason of Obstruction of the Nerves.

36. ℞. *Elixir Proprietatis* made with Tartarized S. V. *Powers* of *Cinnamon*, A. ʒj. mix, and give *ab* gut. xx. *ad* xxx. twice a day in *Angelica* Water.

37.

37. R. *Powers* of *Roſemary*, *Powers* of *Mint*, A. ℥j. Tincture of Salt of Tartar ℥vi. mix them, of which give ℈j or ʒß. at a time, in Comomil Water, in which gr. viij or x. of *Salt* of Wormwood is diſſolved.

38. R. *Tincture* of Antimony, made with Tartariz'd S. V. gut. xx. *Elixir proprietatis* Tartariz'd, gut. xij. *Salt* of Wormwood, gr. vj. Mint or Camomil Water ℥vj. mix for a Doſe.

39. R. Spirit of *Salt* dulcified, *Powers* of Mint, and of Wormwood, A. gut. viij. mix, and give them in a little Canary, or Mint, or Camomil water.

40. R. *Spirit* of *Sal Armoniack* gut. vj. or viij. Or, Flowers of *Sal Armon.* gr. x. Salt of Wormwood, gr. vj. mix, and give it in Wine, or *Antiſpaſmatick* Water, ℥iv.

R. *Ginger* candied in the *Indies*, *Conſerve* of Red Roſes *Vitriolated*, A. ℥iij. with the Queen of *Hungarie*'s Water *q. s.* beat them into a ſoft Electuary. Doſe ʒß. twice a day.

If there be too great an Acidity in the Ferment of the Stomach.

42. R. Prepared *Pearl*, *Coral*, *Crabs Eyes*, A. ʒij. calcin'd *Coral and Hearts-Horn*, A. ʒj. *Cinnamon* ℈ij. make all into fine Powder. Doſe ʒß in Water, or *Tincture* of *Roman* Wormwood.

43. R. Powder of *Aron* compound xij. Cinnamon, *Sugar* of Roſes, A. ʒiij. *Salt* of Wormwood ʒijß. make a Powder. Doſe ʒj. as aforeſaid morning and night.

44. R. *Tincture* of Salt of Tartar ℥j. *Powers* or *Elixir* of *Wormwood* ℥ß. mix them. Doſe *ad* ʒß. twice or thrice a day in *Canary* or *Rheniſh* Wine.

45. R. *Sal Abſinthii*, *Powers* of Mint, A. ℈j. Juice of Limons, a Spoonful, mix, and give it, it is an excellent Doſe.

46. R. *Coral* prepared ʒij. Salt of *Wormwood* ʒjß. Juice of Limons ℥iv. ſtrong Cinnamon Water ℥iij. mix them.

them. Doſe one Spoonful twice a day.

47. R. Prepared *Ivory*, *Coral*, A. ℥j. *Vitriol* of ♂ ℥ß. *Salt* of Wormwood ℈j. white Sugar-Candy ℥iij. mix them. Doſe ℈ii. twice a day in Camomil, or Mint Water.

Where there is too great a Bitterneſs of the Stomach.

48. R. Powder of *Coral*, *Crabs Eyes*, A. ℥ii. *Chalybeate*, Tartar ℥iiß. Sugar-Candy ℥iß. make a Powder. Doſe ℥ß. in a proper Vehicle.

49. R. *Salt* of Wormwood, *Powder* of Rhubarb, A. ℈i. *Salt* of Mint ℈ß. *Cinnamon* Water, *Angelica* Water, A. ℥ii. *Juice* of Limons ℥i. mix for a Doſe.

50. R. *Elixir* or *Powder* of Wormwood ℥ß. *Elixir Proprietatis*, with Oyl of Sulphur ℥i. mix them. Doſe ℈i. or more twice a day, in a fit Vehicle.

51. R. *Powder* of *Aron* roots compound ℥xii. *Cryſtralls* of Tartar ℥iv. *Tartar Vitriolate*, *Vitriol* of ♂, A. ℥i. refined Sugar ℥vi. make a Powder. Doſe ℈ii.

CHAP. XXII.

Examples in compounding Opiates, and Cordials or Antidotes.

1. BEfore we come to the Exemplary part of compounding *Opiates*, (that this our *Opiologia* may be compleat) we ſhall ſhew you the Kinds, Natures, Qualities, and ſeveral Operations of *Opium*, both good and evil: and becauſe that Famous and Learned Man, Dr. *Willis*, has exquiſitely performed the ſame, we ſhall (ceaſing at preſent our own Conceptions) give you here the Epitomy of what he has ſaid concerning

concerning *Opium* in particular, and *Opiatick* Medicaments in general; but in a different Method.

2. The *Kinds* of Narcoticks are ſeveral, as Purſlane, Lettice, Hounds Tongue, Nightſhade, Henbane, Tobacco, Mandrakes, Poppies, red, white, and black: beſides ſome other Simples extreamly venomous, and ſo never medicinally preſcribed. The Juyce and Seeds of *Henbane* are much uſed in ſome *Hypnotick* Compoſitions: *Mandrakes* are ſeldom uſed. *Hounds Tongue* having a plain ſoporiferous Odour, ſhews it's narcotick Nature; it is a very neat Plant, with ſoft Leaves; and in it's flouriſhing Time, is crowned with a bright Red, and moſt delicate purpliſh Flowers: the Powder of it's Roots goes into that famed *Opiate* called *Pilulæ de Cynogloſſo*: the juyce of the whole Plant gathered about the beginning of the Spring, being expreſſed and depurated by a cloſe and warm Digeſtion, and decanted from it's Fæces, yields a clear Liquor, and ſplendidly rediſh, and bluſhing like a *Ruby*. This may be uſed either for a *Menſtruum*, for making up of Narcotick Confects: *Or*, for to make an *Hypnotick* Syrup: *Or* laſtly, It's Humidity being evaporated, to make Tinctures and Extracts out of it, as is done out of *Opium*. *Lettice* and *Purſlane* are uſed to make Syrups of, which is done of their expreſſed Juyce; which Syrups, are commonly given to Children, and very aged People, (where *Opiates* may prove dangerous) becauſe they very gently, without any Prejudice, enduce Reſt and Sleep, and ſometimes Indolency, as in Fluxes, Gripings of the Guts, and ſuch like. *Nightſhade* is uſed to cauſe Reſt by outward Application, to the Temples; chiefly, it's depurated Juyce, or diſtilled Water is taken, and being mixed with Roſe-water, the Temples are bathed therewith, then a Roſe-Cake very hot, and dip'd in the ſame, is forthwith to be applyed to the ſaid Parts, and ſo bound on. *Tobacco*

is accounted as a *Narcotick*, although never put into *Narcotick* Compoſitions; becauſe its Fume taken in a Pipe, produces the ſame Effects as they; yea, it doth the ſame thing with our Country-men, as *Opium* does with the *Turks*, to wit, either of them by affecting the animal Spirits, by an unaccuſtomed manner, and by rendring them as it were aſtoniſhed, diſpoſes them to the doing or ſuffering of any thing without any great ſence or trouble of Wearineſs; it renders them fearleſs of dangers, and makes them patient in Hunger, Cold, and Labor. When any one firſt begins to take *Tobacco*, he is for the moſt part affected with a *Vertigo*, and *Scotomia*, then a cruel vomiting, and ſometimes purging follows, the Feet grow weak, the man ſtaggers, the Hands tremble, the Tongue faulters, or ſpeaks at random, and ſometimes a cold Sweat, and terrible Swooning follows. The cauſe of all this, is, from the *Animal Spirits* being, as it were, intoxicated by the *Narcotick Sulphur*, which are diſtracted very much in their whole Dominion, and are agitated into *Ataxias*, or Irregularities. But this Fume once becoming familiar and cuſtomary, it is on the contrary grateful, and takes the Animal Spirits with ſo great a Witch-craft, or pleaſing Allurement, that ſome had rather be forbidden Meat or Drink, than the uſe thereof. The reaſon of which is, that this Fume being once made familiar with the ſaid Animal Spirits, gently awakes, or ſtirrs them up at any time being ſluggiſh and ſloathful, and as it were tickling of them, provokes them into gentle and expanſive motions, with which they are wonderfully recreated, as with the drinking of Wine.

3. The *red Erratick*, or *Corn Poppy*, has a great *Hypnotick* Quality, much greater than any of the former things, though far leſs, more gentle, and more benign, than that of the white or Black Poppy; and therefore

fore in ſome caſes it is very needful, and may be more ſecure in its uſe. From this Poppy, the *Apothecaries prepare a diſtilled Water*, and a *Syrup*, which are many times with great advantage given in moſt *continual Fevers*, and are thought to be abſolute Specificks in the *Pleuriſy*, becauſe they truly take away pains; and by ſtopping ſomewhat the pulſe, depreſs the ſeveriſh Æſtuation of the Blood. Empericks prepare a Tincture from the Flowers with S.V. which has the aforeſaid Virtues, & have been oftentimes proved effectual againſt Surfeits: the reaſon of which ſeems to be, that the Spirits of the Wine preſerve the Contents of the Stomach from putrefaction; and the *Narcotick Sulphur* of the Flowers, reſiſt the violence and heat of the aſſaulting Fever.

4. The *White Garden Poppy* is the next to be conſidered: From the Heads and Seeds of this *Poppy* is made *Diacodium*, both *liquid*, as in Syrrup; and ſolid, as in Tablets or Lozenges; and that according to the preſcripts of many famous men; from the ſame *Decoctions*, *expreſſed Oyls*, *Emulſions*, and other *Hypnotick Confects* are made: This *Poppy* abounds much more with *Narcotick Sulphur* than the former, but with much leſs than the Black, of which *Opium* is made; and therefore the Medicines aforenamed prepared from the *White Poppy*, as they contain leſs of the ſaid *Sulphur*, ſo are they much more pure and Innocent, and are oftner and more ſecurely given than any thing made of *Opium*: For it is not convenient to uſe *Laudanum* or *Opiates*, unleſs, when for the vehemency of Symptoms in any Diſeaſe, *Diacodiates* will do little or no good. And as *Diacodiates* (which are preparations from the *White Poppy*) contain in themſelves leſs of the ſaid *Narcotick Sulphur*, ſo they want not much preparation; but being ſimply made by Infuſion, Decoction, or Expreſſion, they may be brought in-

to a medical uſe; whereas *Opiates* (which are preparations from the *Black Poppy*) containing in themſelves a vaſt quantity of the ſaid *Narcotick Sulphur*, are compoſed, corrected and made, by divers and various preparations of a much higher Nature, that thereby they may become ſafe and practicable.

5. The *Black Garden Poppy*, is that of which our *Opium* is made, being a concreted Juice flowing from the wounded Heads or Leaves of the ſaid Poppy being ripe: and from this Black Poppy, nothing more is taken for a medical uſe than the ſaid *Opium*, which is a Tear or Gum flowing as aforeſaid. There are ſeveral kinds of this *Opium*; but the beſt is the *Thebian*, being heavy, thick, ſtrong-ſcented like Poppy, bitter and ſharp, inflamable, almoſt of the color of Aloes, and eaſily diſſolvable in Water, or almoſt any other Liquor. See our *Pharmacopœia lib.* 1. *cap.* 8. *Sect.* 50. where you may ſee the various preparations thereof: its preparation with Adjuncts, or rather Compoſitions are divers and many. The moſt famous *Opiates* of the Ancients are *Pilulæ de Cynogloſſo*, *Requies of Nicholaus*, and *Philonium*, which laſt is fourfold, *viz.* *Roman*, *Perſian*, *Magiſtrale* of *Meſue*, and *Tarſence* of *Galen*. The *Opiates* of Neotericks from the Praiſe-worthineſs of the ſame are commonly called *Laudana*, and by ſome *Nepenthes*, from their taking away pain: theſe ought not to be admitted into practice, unleſs invented by skilful Men, and of which long tryal has been made, of which there are many publickly extant, received and approved of, the chief of which, are thoſe of *Paracelſus*, *Crollius*, *Quercetan*, *Hartman*, *Mynſicht*, and *Helmont*. The firſt five of which are compoſed only in the form of an extract, whoſe *Baſis* or *Ground* is the *Tincture* of *Opium* drawn forth with a fit *Menſtruum*, and then corrected with Saffron, Caſtor, Bezoar, Pearls, *ſpecies Diambræ*, and ſeveral precious

precious Chymical Oyls. That of *Helmont* is a liquid Tincture of *Opium*, drawn with Juyce of *Quinces* fermented. And this may be given *ab* ℈ß. *ad* ℈j. or ſomewhat more in any Cordial Vehicle, where the uſe of a Pill cannot be admitted.

6. In treating about theſe 2 ſorts of *Laudana*, we ought to have great reſpect to the *Menſtruum*. Some uſe S. V. becauſe they think *Opium* cold: others Spirit of Vinegar, or Juyces of Citrons or Limons, becauſe they think the *Opium* hot (as indeed it is) but this ſignifies nothing in reſpect to the heat or cold of the *Opium*, but in reſpect to its *Narcotick Sulphur*, thereby to correct it. The Ancients corrected it with things hot in the fourth degree, as *Pyrethrum*, *Euphorbium*, *Pepper*, &c. out of a ſuppoſition that it was cold in the fourth (but is indeed hot:) however thoſe Correctives became moſt proper, becauſe theſe biting ſharp things, being full of a volatile Salt, do predominate over the *Narcotick Sulphur* of the *Opium*, and break its potency. *Helmont* uſed the Juyce of Quinces put into Fermentation; but Dr. *Willis* commends the S. V. impregnated with the volatilized Salt of Tartar: Or the Tincture of the Salt of Tartar brought to the higheſt Red by long digeſtion, which is the *Baſis* of his *Liquid Laudanum*, adding for its Complement, Saffron, Caſtor, Cloves and Lignum Aloes: the Doſe of which is, *ab* gut. xv. *ad* xx.

7. *Opium* conſiſts of a vaſt quantity of ſulphurous particles, mixed with ſome ſaline volatile particles, with a little quantity of Earth. That *ſulphurous particles* do abound in it, is manifeſt to Sence, to wit, from its ſtrong Odor, and its Inflammability. The *Volatile Saline particles* are evident in its ſharpneſs, bitterneſs and pricking; as alſo from the Volatile Property of the *Opium*, and its ſpeedy aſcending to the Head, and intangling of it ſelf with the ſaline volatile

atile Spirits of the Brain; the *Earth* is apparent. Hence it appears, that ſince a *Narcotick* Quality is contained in the *Opium*, that it is chiefly lodged in the *Sulphur* thereof, becauſe it is oftentimes found ſo hurtful to the texture of the Animal Spirits, which its *ſaline* property would rather cheriſh, as ſympathizing with them. Now becauſe the Animal Spirits may be of a differing texture in divers Bodies, therefore *Opiates* may work more ſtrongly and virulently on ſome than on others. The *Turks*, who have an aduſt Blood, and in whom more fixt Spirits and leſs volatile are bred, eat *Opium* without hurt, or at leaſt without danger of Life; but the *Europeans*, who have more ſubtil and purer Spirits, cannot do ſo. *Dogs* will devour *Opium* in a great quantity, without either Sleepineſs or Death; but a ſmall Doſe of it will preſently kill a *Cat*: for that the Spirits of this Creature are ſo very volatile and pure, that that they cannot at all endure the *Narcotick Sulphur*.

8. *Opiates* as they are endowed with many great Vertues and excellent Properties, ſo alſo have they ſome evil ones, and oftentimes deadly effects. We have ſeen it by the ſad experience of ſome, who have no ſooner taken an *Opiate*, but they have fallen into a perpetual Sleep; and ſome, who by taking too great, or untimely a Doſe, have rendered their Lives unhappy and unprofitable afterwards, by the hurt of the principal Faculties: Some by taking one Doſe, have fallen into *ſo profound a Sleep*, that they could never be awakened. They have lived indeed 3 or 4 days, having their Pulſe, Reſpiration and Heat well enough; yet not to be recalled to Sence and Waking, by any Medicines or Tortures: Some by taking it, have ſlept moderately, or almoſt nothing at all; yet not long after, have grown very bad, languiſhed, drawn their breath very difficult-

difficultly, their Pulſe, natural Heat, and Strength of Body momentarily decaying, in ſuch ſort, as not to be reſtored by any *Cordials*; theſe lingring on by degrees loſt their Lives. One by taking an *Opiate*, has preſently fallen into his laſt and deadly Sleep, complaining of a great weight and coldneſs of his Stomach, by and by he was affected with a notable Languor, a ſinking down of his Spirits, and a coldneſs of the extream parts; and within a few hours after, complaining of the dimneſs of his Sight, and then of quite Blindneſs, he ſtreightway expired. The reaſon of this ſuddain deſtroying of Life is this, that the *Narcotick* Particles of the *Opiate*, do forthwith, and vehemently affect either the *Cerebrum* or Brain, or the *Cerebellum*, where, by oppreſſing the *Animal Spirits*, as well the outmoſt Spirits as the internal or inmoſt, they become greatly profligated and overthrown; where by their Forces, being altogether ſuppreſſed, then preſently a *deep Sleep*, or an *invincible Drowſineſs* and Stupefaction follows, which forthwith induces Death, the Pulſe and Reſpiration being in a good ſtate for ſome time.

9. As for the harms that *Opiates* may do, they are not by me to be all here enumerated. *In the Head*, they ſometimes hurt the chief functions of the Mind, as Memory, acuteneſs of Wit, Diſcourſe: Sometimes the frequent uſe of *Opiates* cauſes loſs of Memory, and ſometimes a Lethargy; and ſometimes it does theſe evils, by being given in too large a Doſe. In ſome it has cauſed a Stupidity of Wit, and in others perfect madneſs. The reaſon of theſe things, is as before declared, for that the *Narcotick Sulphur* firſt and chiefly aſſaults the Brain, where, whilſt it deſtroys or profligates ſome *Animal Spirits*, it perverts many others from their wonted ways of Emanation, and leads them into devious or unuſual Paths. *In the Breaſt and Præcordia*,

it clearly appears, that they do ſometimes hurt the *Vital Actions*, from their depreſſion of the Pulſe and Reſpiration, cauſing them to grow languid, or weak and difficult, and by degrees, wholly to ceaſe: wherefore in *Fevers*, where the Blood being greatly depraved, yields but very few and weak *Animal Spirits*, *Opiates* are for the moſt part hurtful, and as it were poyſonous: For, though in the *Plague*, and other malignant Fevers, *Mithridate*, *Treacle*, *Diaſcordium*, yea and *Laudanum* are often given with good Succeſs, yet it is while the Pulſe and Reſpiration are ſtrong; but if in thoſe Diſeaſes, or other Fevers they be weak, theſe famous Antidotes are but very ſparingly to be uſed; but ſtronger *Opiates* not at all: Alſo in a vehement Cough, or *Aſtmah*, *Empyema*, and in other diſeaſes of the Breaſt, where Nature is ſuddainly provoked to the caſting out of what is troubleſome to the part, and urges it with great endeavor, we muſt abſtain from *Opiates* no leſs than from *Poyſon*; becauſe they increaſe the matter to be removed and fix it; and alſo weaken the parts which ought to expell it. *In the Belly and Bowels*, *Opiates* being often taken, are ſometimes injurious to the principal Faculty, *viz.* the *Appetite*, or *deſire to eat*, on which depends all Nouriſhment, and the root of Life. And the reaſon is, becauſe the concoctive Faculty of the Ventricle is debilitated, and the excretory motions of the Inteſtines made ſluggiſh, from the Stupefaction or Hurt of the Spirits inhabiting the Interior Coat of the Stomach and Guts, ſo that thoſe *nervous Fibres*, although empty, are no more corrugated, from which cauſe all hunger ceaſes. And it is a common Obſervation, *That want of Appetite, and Slothfulneſs of the Belly, are the familiar effects of Opiates.*

10. How *Opiates* do affect the Animal Spirits, has been already in part declared; not by raiſing Vapors

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into the Head, as ſome have thought, nor by opening the Pores of the Brain, thereby to admit the ſoporiferous matter; but only by deſtroying or profligating ſome Animal Spirits, wherefore the reſt, as being amazed, or compelled more inwardly, or at leaſt being called back from their wonted efflux into the Nervous Parts, do relinquiſh, or remit for a while their required Tasks. This is evident, becauſe *Opiates* taken in too great a Doſe, do deſtroy the Animal Spirits ſo abundantly, that they cauſe Death; whereas given in a juſt doſe, and to a fit object, although they may cauſe an Overthrow and Amazement of ſome Spirits, yet they only allay the too great fierceneſs and impetuoſity of the ſenſitive Soul, that ſhe, ſinking down, as it were, within her ſelf, may lie quietly, or at reſt and eaſe. This Property of *Opiates* conſiſts not in apparent qualities, as of Heat or Cold, nor in any occult Quality; but in Particles, much contrary to the Animal Spirits, and which may be ſaid to be Extinguiſhers of them; but in what kind of Subſiſtencies the contrary particles of either kind are, will be hard to ſhew, becauſe not obſervable by the Sence. The Animal Spirits are thought to be moſt ſubtil Particles, compoſed of Spirits and volatile Salt, united together & highly exalted: So *Opiates*, on the contrary, may be thought to be compoſed of ſtinking Sulphur, with Salt, and an Earthy Matter, ſo much oppoſite to the ſubtil Texture of the Animal Spirits, that ſometimes they profligate them at a diſtance by their meer *Effluvia*.

11. Now the places in which *Opiates* do firſt and chiefly begin to operate, are thought to be at the Shell of the Brain, to which, upon the *Opiatick* Particles approach, the Spirits dwelling there, (they being, as it were, the Watchmen that firſt of all) recede, and indulge the Body to Reſt and Sleep; and it is juſt ſo to think: For the Particles of every kind

kind of *Opiate*, after it is taken, being carried into the Blood, and *circulated* with it, doth chiefly exerciſe its *Narcotick* Quality, near the Shell of the Brain: for they meet within this place the firſt Oppoſition, and forces the Animal Spirits, and deſtroy, or rather extinguiſh wholly, many of theſe Spirits placed in the fore part of the Battel; the other Spirits of this place not deſtroyed, go back, and by their Emanation being reſtrained, fly towards the middle of the Brain, thereby indulging Reſt and Sleep; but yet by what means in ſo ſhort a ſpace, *viz.* ſometimes before it can be diſſolved in the Ventricle, it ſhould cauſe ſuch an Operation, is not eaſie to unfold. To this however we ſay, that the Journey from the Ventricle, by the Blood, to the Head, is very expeditious, and may be performed in a very little time: But ſhould not this be granted, it is probable that *Opiates* may act more immediately on the Ventricle, and by its mere Contact (from a conſent of the ſtomatick Nerves, with thoſe of the *Par Vagum* in the Brain) procure the ſaid Reſt and Sleep, before there can be any Commerce of the Particles of the *Opium* with the Blood; and hence it is, that if the Stomach is afflicted, the Head is not well, the afflictions and evils of either of them, do afflict each other. Thus it appears, that the places where *Opiates* firſt exert their Power, are the *Ventricle* and *Cortex* of the Brain, and from acting on thoſe parts, they firſt begin to procure ſleep.

12. How far, or into what part *Opiates* do extend their Vertues, we ſhall now ſpeak, and ſhew the Sphere of their Activity. By what has been already ſaid, it appears plainly, that they act upon the *Animal Spirits:* but whether the *Blood*, and *other Humors* are hurt thereby, remains to be queſtioned. Certainly the *Blood* is not at all vitiated by them: This we judge, *Firſt*, from their ſo very little

little Doſe, by which it is not probable that the whole Maſs of Blood ſhould be corrupted thereby. *Secondly*, for that though *Narcoticks* be often applied, no Puſtles, or little Whelks appear in the Skin or *Viſcera*, as is wont to happen when the Blood is empoyſoned, or but a little corrrupted, as it were, by an ordinary Surfeit. Alſo thoſe with whom *Opiates* are become familiar, are not hurt in their *Animal Spirits*, altho' daily taken in a great quantity, ſo that no *Dyſcraſy* of the Blood can come from thence. However it is not to be thought that the Particles of *Opiates*, either agree with, or are aſſimilated to the Blood, but are rather wholly Heterogenous and immiſcible: for they no ſooner come into the Maſs of Blood, but they are ſuddenly expelled from it, and from thence being partly caſt on the *Cortex* of the Brain, cauſe Sleep; and partly thruſt forth by the Pores of the Skin, ſtir up Sweat, and for the moſt part an itching. As to the *other Humors*, we ſee not how *Opiates* do any ways hurt the *Serum*, or *Nervous Juyce*, or the *Chylous Juyce*, ſo that their Vertue and Power ſeems chiefly to adhere to the *Animal Spirits*. From hence we judge, that *Opiates* given in a juſt Doſe, only reach the Spirits in the *Cortex*, and ſtir up no more than a natural Sleep; the Pulſe, Reſpiration, Concoction, and Separation of Humurs being performed after their wonted Cuſtom. But if it be given in too great a Doſe, it impoſes more ſtrong Chains on the Spirits of the Brain and its *Appendix*; and if the Doſe be yet greater; it inlarges its *Narcotick* Force, even to the *Cerebellum*, whereby the Appetite is deſtroyed, Reſpiration very much ſtreightned, the Pulſe fails, as alſo the motion of the Heart; ſo that there happens as it were an Eclipſe of all the Faculties, a cold Sweat and a perpetual Sleep, whereby the motion of the Heart quite ceaſing, the vital flame is extinguiſhed. 13.

13. It remains now that we enquire into the good effects of *Opiates*, and how they may be given to the Safety and Benefit of Humane Life. As to their good Effects, they are either on the *Animal Spirits*, or on the Blood, or in the Humors; the former are indeed *first* or more immediately affected; the other only *secondarily*, and by means of the affected Spirits. And indeed *Opiates* seasonably, and in just dose administred, in the too great and irregular motions of the *Animal Spirits*, may bring notable Relief; as also in faults of the *Internal* Sences, which are *Watchings* and *Delirium*; and in Vices of the *External*, the chief of which is *pain*. Now the Irregularitis which *Narcoticks* rectifie, are violent and too swift Pulse, Convulsions of the *Præcordia* or *Viscera*, and the too violent and excessive Excretions of these; so there are many and divers cases, in which, whilst the *Animal Spirits* like fierce and furious Horses, run about, or leap beyond their Bounds; they ought to be reduced or restrained by *Opiates*, as it were with Bridles.

14. That they help against unnatural Watchings, Experience has confirmed; and the reason is known Philosophically from the cause of want of Sleep: which is chiefly from the *Animal Spirits*, being carried too much forth, and being of themselves unquiet, whereby they blow up, and irradiate both the sensory Organs, and possess especially the outmost Border of the Brain, or the *Cortex* so called; where the *Opiatick* Particles being carried, either by the passage of the Blood, or otherwise, do forthwith destroy or profligate those watchful Spirits, and make those which are next to them, to fly more inwardly, whence Sense and Motion being in some measure hurt, and the Spirits kept from their *Emanation*, a Dulness and Drowsiness presently seizes, and immediately after that, a sweet

ſweet and pleaſant Sleep.

15. In a *Delirium*, an *Opiate* is for the moſt part given with good Succeſs (tho' ſometimes they may hurt alſo:) For when the Spirits are too much ſtirred up within the Brain (by the force of any other cauſe) and ſtruck as it were with a Fury, they fly beyond their wonted Bounds and Paſſages; then the *Opiate* approaching towards the *Cortex* of the Brain, repreſſes them, and ſtops them a little while from their Motion, and this as oftentimes as it is repeated, till at length the Spirits return into their ancient Channels, and rightly perform their Duties.

16. For eaſing all manner of Pains whatſoever, *Opiates* may deſervedly be called *Nepenthe*, and are truly a kind of Divine Remedy; inſomuch as we can ſcarcely enough admire how an almoſt intollerable pain, whether in any Member, or in the *Viſcera*, is, as it were by Inchantment, of a ſuddain taken away, or made at preſent to ceaſe, by the taking of a very ſmall Doſe of theſe Remedies, yea ſometimes without Sleep, or at leaſt before Sleep comes: And it is yet more ſtupendious, that whilſt the *Opiatick* Particles do continue to operate, and ſometimes a little after Sleep is ended, that there is a high Alleviation, and Freedom from Pain in the part afflicted, which eaſe continues, till the Force of the Medicine is ſpent, after which the pain returns again as before: now in the *Opiates* eaſing of pain, the Queſtion is, by what means or artifice it does it, whether its *Narcotick* Power is employed on the *afflicted part*, or on the *common Senſory*, or on the *whole ſenſible Soul*?

17. The reaſon of the Difference of the former Propoſition is, becauſe pain being excited in one place, is felt in another, and its effect is poured forth through the whole ſenſitive Soul: Now the Production of Pain conſiſts in this, that the Nervous Fibres are irritated

irritated very much, and pulled one from another, by ſome incongruous and greatly unproportionate thing, ſo that the Spirits abounding in them, are by and by diſtracted; and put into confuſion, by being ſnatched from their equal expanſion. But the Senſe of the pain is cauſed by a certain Undulation of the Spirits, through the Nervous Paſſages of the Common Senſory; which ſort of affection ſtill proceeding even to the middle of the Brain, ſtirrs up the *Imagination*, from whence being preſently reflected through the whole *Hypoſtaſis* of the Spirits, diffuſes that certain Diſaffection and Inquietude.

18. Hence it is, that as oft as *Opiates* induce Sleep, an *Analeſia*, or Ceſſation of pain preſently follows: For the Spirits which actuate the firſt Senſory, are by the *Opiatick* Particles alſo bound with the Spirits inhabiting the Brain; for which cauſe, although the paining part be irritated, yet the ſenſe of all pain is inhibited. But now when the Sick awakes, that he ſhould continue free from pain for many hours, become lively, and exerciſe exquiſitely all the *Animal Functions*, till the ſtrength of the Medicine is ſpent; and then the Pain preſently to return again, according to its old Exorbitancy, is a thing worthy to be enquired into.

19. *For the ſolving of this Queſtion*, we think not that the Spirits of the grieved part, nor thoſe of the common Senſory, either ſingly, or both, are bound by the force of the *Opiate*, it cannot be believed its Particles could penetrate ſo deeply as to enter into the Brain and Nervous Stock, and in ſo ſhort a time deſcend to the part afflicted, ſuppoſe a Finger or Toe. Since therefore the *Analeſia*, or Ceſſation of Pain after Sleep for ſome Hours can be referred neither to the *grieving part*, nor to the *Firſt Senſory*, ſtupified by the *Opiate*; let us ſee how the reaſon of this may be deduced from

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a certain *Narcotick* Affection of the whole *Senſitive Soul.*

20. Firſt, it is neceſſary abſolutely for the ſtirring up, or continuing of any *Pain*, that there be a great plenty of Spirits abounding in the part afflicted. For their mutual Alliſion, or beating one againſt another (cauſing a Diſtraction and Excandeſcency) is the conjunct Cauſe of all Pain: Wherefore, if there be a calling back of the Afflux of Spirits into the Brain, to ſupply the place of thoſe which are deſtroyed or profligated by the Powers of the *Opiate*, or to help to maintain the Conteſt with the *Opiatick* Particles; it follows, that the Pain muſt neceſſarily ceaſe, and ſo long, till the part pained is ſupplied again with ſuch an Afflux of tumultuating Spirits, which cannot be done by the Spirits in the adjacent Fibres: For they lie ſo thinly diſperſed every where, that they ſcarcely touch one another.

21. Now this withdrawing of Spirits here neceſſary for the cauſing an *Analeſia*, or Ceſſation from Pain, can be produced by no other Remedys whatſoever, but only by *Opiates*: For truly not only the outmoſt, and as it were percurſory Spirits, are deſtroyed by the *Opiatick* Particles encompaſſing the Borders of the ἐγκέφαλον, but the firſt ſpringing forth of theſe Spirits, within the Brain or *Cerebellum*, and *for that cauſe*, their Efflux upon the *Nervous Stock*, are forthwith greatly ſuppreſſed; ſo that during the Power and Force of the *Opiate*, they are much more ſparingly diſpenſed; and yet leſs into the *Præcordia*, *Viſcera*, and all other *Extream Parts.*

22. Hence it is, that the *Pulſe* and *Breathing*, do remit of their Vehemency and Quickneſs, even becauſe of the ſuppreſſion of the Afflux of Spirits from their *generative Fountain*, by the ſaid *Opiatick* Particles: Hence alſo an unwonted Languor and Slothfulneſs comes upon

on all the Members and Limbs. Hence also *Opiates* take away Convulsions: And from hence the *Viscera* being before provoked (into excretory Convulsions) by Vomit or Stool, or Vehemecy of Pain, as in the Cholick or Gravel and Stone in the Reins or Bladder, find their *Analesia* or Cessation of Pain: For whilst a plentiful Afflux and Supplement of Spirits are wanting in the part afflicted, the few remaining can be no longer tumultuous and angry; but rather lie at quiet, that they may subsist and maintain themselves. So also in the *Scorbutick Cholick*, *Opiates* seem as it were a certain kind of Exorcism: They also bring certain ease in the *Gout* and *Stone*, whether in the Reins or Bladder as aforesaid. In *Gout Pains*, they have been an egregious, and as it were a Divine Succor; and have given Ease when all other things have failed, yea, where the Disease has been incurable. In this case, I have persuaded some to the constant use of this *Panacea*, to wit, *Laudanum*, which they have done with great comfort of Life, and without the least hurt, although they increased its Dose by degrees to a very great quantity.

23. Now afterwards, when the *Sulphurous* Particles of the *Opiate* are scattered or blown away, the stock of Spirits within the ἐγκέφαλον, and their *Emanation* from thence on the Nervous parts is renewed, so that they may descend again to the parts afflicted in a full Stream, and fill full again their Fibres: Forthwith by reason of the Spirits being again accumulated and stirred up as before, the same Convulsions or Pains return. And without doubt, by this means, and according to these reasons now assigned do *Opiates* quiet the strongest pains, and procure an *Analesia* or Indolency, with, or without Sleep, for some determinate time, as afore-mentioned.

24. How *Opiates* help the Irregularities of the motive

tive faculty, we now come to declare. These Irregularities have chiefly a reſpect to the *Præcordia* and *Viſcera*. To the *Firſt*, ought to be referred the *Pulſe and Breathing*. To the *Later*, *Excretory Convulſions*. When the Motions of the *Heart* and *Lungs* in Fevers, is ſo rapid, as to haſten vehemently the Circulation of of the Blood; it is then hurt both as to its *Acotenſion*, and depraved as to its *Craſis*, in that it cannot ſeperate its Superfluities and Filth, for want of a perfect Concoction. In this caſe *Opiates* break the Impetuoſity of this motion, whereby the intenſe Heat is leſſened, from whence the Circulation is gently and temperately performed; and they alſo looſen the Blood in its joynting, whereby it ſends forth its *Serum* and *Defilements* both by Sweat and Urine.

25. How *Opiates* quiet this motion of the *Heart*, we have already above plainly enough declared, to wit, by depreſſing the Action of the Pulſe: For that the *Opiatick* particles do ſomewhat ſtop the *Springs* of the *Animal Spirits*, in the *Cerebellum*; and diminiſh their *Emanation* or Efflux, from thence deſtinated to the nervous *Præcordia*, which if it ſhould happen to be too much (from too large a Doſe of the *Opiate*) then follows a great Dejection of the Vital Faculties, and ſometimes Death it ſelf.

26. Not in a much differing manner do *Opiates* quiet the too vehement Motion of the Lungs, to wit, by regulating the Inordinations of the *Reſpiration* or *Breathing*, whether it be interrupted, convulſive, or otherwiſe diſturbed. They help above all things in a vehement and continual *Cough*. In *Aſthmatick* Paroxyſms (where the Sick ſeems to be in the very Agony of Death it ſelf;) a fit Doſe of an *Opiate* renders (as it were) unexpectedly all things preſently ſerene and quiet. In a *Pleuriſy* alſo, (chiefly in its beginning) they exert their

Power in full as large a measure.

27 The reason whereof is, that forasmuch as in these kinds of Affections, troubling chiefly the Vital parts, the Spirits dwelling in them being highly irritated, break forth into vehement and cruel Excandescencies, where, by their violent Motions, they disturb and invert all things; the *Opiate* being now taken, its *Narcotick Sulphur* beginning to act, immediately draws away the Succors of those raving Spirits, and forthwith stops the Afflux of new; whereby they being in a manner extenuated, and without fresh Supply, lay down their Inordinations.

28. How *Opiates* help the immoderate or convulsive Motions of the *Viscera*, to wit, of the Ventricle and Intestines, chiefly in horrid Vomitings, and dysenterick or violent Purgings, is now our present Task: For that these Affections can scarcely be cured without the use of *Opiates*. Now *Opiates* perform not these things by fixing the fervescent and corrosive Humors of the Party; but partly by stupifying the Nervous Fibres by a mere Contact, whereby the Spirits implanted within the Cavities of the *Viscera*, are, as it were benummed; and partly by suppressing the Efflux of Spirits within the *Cerebellum* to those parts; whereby, becoming destitute of help and supplies, they forthwith lay aside their Convulsive Excandescencies.

29. In the Blood and Humors, *Opiates* have an apparent Operation in Catarrhs and Defluxions of every kind, we fly oftentimes to these, as to the last refuge; they strongly stay Bloody Excretions, also restrain the serous, when they are excessive, and colliquative or melting; or reduce their Inordinations; they repress the immoderate Ebullition of the Blood growing Feverish, and lessen its too great Inflammation. Lastly, they happily stop all Fluxes

Fluxes arising from what cause soever, and induce an *Halcyon* or most calme State to the Blood however disturbed.

30. How these sorts of Effects are for the most part produced, we have already hinted, to wit, through the mediating affections of the *Animal Spirits*: For the Nervous Fibres being inordinately contracted, do agitate the Blood and Humors, compelling them into divers Fluctuations and Disorders; which being taken away by the Exhibition of *Opiates*, they presently become smooth and quiet. But yet it seems, that they operate also another way: For the *Opiatick* Particles being poured into the Blood, do cause certain Alterations as to its Liquor, by their mere *Syncrasie* or Commixion: For (as we said before) they are altogether untameable, and immiscible, and Heterogenous to the Blood; yet they are not Enemies to it, nor injurious to its Liquor.

31. And therefore *Opiates* may be accounted as it were *Alexiterians* of the same sort, which being confused with the Blood, do suddenly, and as it were in a Trice, and almost untouched, pass through its Mass; and by opening all the Holes and Pores in the passage of the *Sulphurous* Particles, make a free and open Passage for the *Serum* (in a kind of pleasing Sweat) whereby the said *Serum* and other *Superfluities*, or *Malignities* closely bound or shut up, go forth of themselves, or else by the said *Sulphurous* Particles are driven out before them.

32. Hence it appears, that *Opium* is not altogether undeservedly (as an *Alexipharmacon*) put into the Compositions of the greatest Antidotes, as of *Diascordium*, *Mithridate*, and *Venice-Treacle*. Moreover, 'tis a Sign, that the *Particles* of *Opiates*, are presently (after taken) carried into the Blood, and swiftly pass through its Mass; For that they are so suddenly carried to the ἐγκέφαλον, and so procure Sleep and Ease.

33. Alſo it appears by common Experience, that *Opiates* procure Sweat and Urine, which alſo are accoundated as ſome of their particular Vertues: whereby it is clear, that their Particles are not venemous to the Blood, but rather *Alexiterian* or reſiſting Poyſon, which is alſo more manifeſt from hence, for that *Laudanum* is oftentimes adminiſtred with great Succeſs in the *Small Pox*, *malignant Fevers*, yea, the *Plague* it ſelf; as alſo in ſeveral other Diſeaſes. In which caſes, or in any other, we ſee not thoſe qualities which ſome aſcribe thereto, of fixing and thickening the Blood, unleſs by unlocking its joyntings, it cauſes its *Seroſities* to be plentifully ſeparated and ſent away by Sweat and Urine, whereby it may be ſaid to become thicker and more compact.

34. We have little more to ſay concerning *Opiates* in general, ſave to give you a few Cautions in their Exhibition. Before an *Opiate* is given, you ought to conſider, *Firſt*, the Conſtitution of the Sick. *Secondly*, the Kind or Quality of the Diſeaſe. *Thirdly*, the State of the Animal Spirits, in reſpect both to the Animal and Vital Faculties. *Fourthly*, the State or Condition of the Blood and Humors.

35. Firſt, As to the Conſtitution, or Temperament of the Patient, ſee that the habit of the Body, Indiſpoſition, Cuſtome, or kind of Living do not forbid their Uſe. You may give them to ſuch as are of a moderate Stature, ſtrong, or firm Body, well ſet, have a hot Blood, are commonly ſoluble in their Bellies, and have a quick or lively Aſpect; and much more ſecurely, if they have been before accuſtomed to uſe them. But they ought to be forbidden to ſuch as are too fat, or too lean, have a cold Temperament, ſoft and flaccid Fleſh, have a rare Texture of Body, and Spirits eaſily diſſipable, and for the moſt part bound in their Bodies, and are of a ſleepy, dull, and ſluggiſh

ſluggiſh Nature; and more eſpecially, if they never had taken an *Opiate* before.

36. Secondly, As to the Kind or Quality of the Diſeaſe, *Opiates* ought to be interdicted in all the more light Affections, and in the Palſie, Vertigo, Incubus, Apoplexy, Orthopnea, (or ſtraitneſs of the Lights) Dropſie of the Breaſt, Aſcites, Stupor, (or trembling of the Members) and in very *malignant* Fevers, in the *Paroxyſms* of intermitting Fevers, and in the *Criſes* of other Fevers: Alſo in the Aſthma, and other Diſaffections of the *Thorax*, Oppreſſion of the Lungs, in Hyſterick and other convulſive Paſſions, you are to give them rarely, and not without great Caution and Conſideration. But in vehement Head-achs, Catarrhs, Cholicks, Fluxes, the Pleuriſy, ordinary Fevers, in Vomiting, Dyſentery, Nephritick Paroxiſms, in Gouts, Stitches of the Side, and all kind of Pains, *Opiates* may be lawfully exhibited, as the only, and as it were Divine *Panacæa*.

37. Thirdly, As to the ſtate of the Animal Spirits, *Opiates* are not to be given when they are already few, or oppreſſed, or do not enough expand themſelves; or whilſt the Animal Faculties, as to the Senſes, are not very vigorous, or do not enough exert themſelves; or when the *Pulſe* and *Reſpiration* are by turns reciprocally weak, or are ſtopped, or unequal, or more quick or ſlow than uſual; or if a *Stupor*, or Enervation, with unaccuſtomed Languiſhing, poſſeſſes the extream and motive parts. But if any vehement and painful Diſeaſe afflict; if the Animal Spirits in all their Dominions are robuſt and ſtrong: or are alſo too much expanded, or enlarged, or carried forth above meaſure; or laſtly, that they become fierce and unruly, *Opiates* may be ſafely made uſe of, with the hopes of exceeding good Succeſs.

38. Fourthly, as to the State of the Blood and Humors; and first as to the Blood, which we are to consider in respect to its Quantity or its Quality: As to the Quantity of the Blood, *Opiates* ought not to be given in a *Plethora* (if there be such a thing, which we intend in another place largely to discuss:) whilst the Blood is turging and boyling up, as in a Fever, greatly distending the Vessels, by which its Circulation is swiftly repeated, lest it should any where stagnate or overflow.

39. Nor ought they to be given where there is a defect or want of Blood, as after large Blood lettings, great Hæmorrhages, long Fastings, or continual Sickness. In these cases the Heart endeavors its quick Circumagitation, working with a very quick and nimble Pulse, as it were with double endeavors, lest that its *Fluor* should be broken off, and so cease. What hurt then may *Opiates* do here, which put a *Remora*, or Stop to this working of the Heart (so needful to the Life of the Sick), as is apparent from their making the Pulse dull or slow, or totally stopping of it. And for this reason it seems to be, that Sleep is forbidden persons who have been newly let Blood; and that Sleep also is forbidden to Women presently after Delivery, whilst the *Lochia* are flowing, lest the Spirits in the time of Sleep, being called back, should leave the Heart, by which it drives about the diminished River of the Blood.

40. The Quality, *Crasis*, or Disposition of the Blood being hurt, forbids the use of *Opiates*: For being stuft with Recrements or Superfluities, as in a *Cacochymia*, *Dropsy*, &c. it ought to be more swiftly circulated, that the Heterogeneous Particles might be overcome, and quickly expelled: This *Narcoticks* hinder by stopping the endeavor of the *Præcordia*, (manifest in the diminution of the Pulse) whereby the *Lustration* or *Circulati-*

Circulation of the Blood, is either fruſtrated or retarded. But if they be giv'n in ſo large a Doſe as to cauſe Sweat, this later Operation makes ſome amends for the hurt of the former, becauſe many of the ſaid Heterogenous Particles are driven out through the Pores of the Fleſh and Skin.

41. Laſtly, as to the Recrementitious Humors accumulated within the Stomach or Guts, *Opiates* ought not to be given, till they are carried off, or purged out, either by Vomit or Stool: otherwiſe being fixed there, they will ſtick the more ſtrongly; for that the ſplenetick Fibres, being, as it were, ſtupified, are not irritated as before, nor eaſily, or lively perform the excretory Convulſions, for the expelling thoſe ſuperfluous Humors; wherefore (according to the old rule (ſuperfluous humors (if any) are firſt to be evacuated, before the Adminiſtration of *Opiates*.

42. We will only give you one memorable Hiſtory of an *Opiatick* Cure, from that Learned Man, and ſo conclude this *Theory*. Some time paſt (ſaith he) I was adviſed with concerning a Gentleman very *Cacochymick*, or full of evil Humors, and miſerably vexed with *Nocturnal Pains*, ariſing from the *Venereal Diſeaſe*, being not, or not well cured. I preſcribed many things, but in vain; becauſe very much abhorring Medicines, he would yield to take nothing almoſt beſides a Doſe of *Laudanum*. Shortly he became *Hydropical* from an *Aſcites* and an *Anaſarca*: He ſwelled ſo much, that he could ſcarce move from one ſide to the other without the help of Servants. In this Condition, I being at length ſent for, and finding him obſtinate, becauſe of his before taken Medicaments: I made a *Prognoſtick*, that he was *not far from Death*; and that it was certainly to be expected; therefore he ſhould prepare himſelf and his Affairs for *Eternity*. He not much diſturbed, earneſtly asked, that for his more eaſy dying, he might take our *Lauda-*

num, (before, but ſparingly permitted him) at his pleaſure, or at the leaſt in the *Evening*. Granting it, with a certain Admoniſtion, I left him, and gave him, as I thought, the laſt Farewel. Afterwards he took *that Medicine* daily, and daily increaſed its Doſe; ſo that in a ſhort time, he had taken an incredible quantity of it. By the uſe of this *only Medicine*, he grew better every day, and within a Month ſpace, was ſo well, that being free from all Humors and Pains, he had got a Stomach, and went abroad. By the aſſiduous uſe of this *Opiate*, his Thirſt before troubling him went away, and being every night put into a great Sweat, he alſo made plenty of Urine.

43. Hitherto of the *Theoretick* part of our *Opiology*, the *Practick* follows; the which we will exactly delineate, according to the various *Claſſes* of the famous *Johannes Daniel Horſtius*, in his *Pharmacopeia Galeno-Chymica Catholica Specialis*, *lib.* 1. *pag.* 369. After which, we will give you the exact *Recipe* of *Gutta Vitæ noſtræ*, or our Drops of Life, according to their twofold manner of Preparation; which Medicine is now famously known throughout the three Kingdoms, for its manifold and admirable Vertues.

Examples in Compounding *Opiates*.

I. *In Affects of the Head.*

44. ℞ *Laudanum of Paracelſus* gr. iij, iv. v. or 6. Sweet Marjoram Water ℥ſs. Syrrup of Betony ℥ij. Confect of Emeralds ℈j. Oyl of Pearls gut. iij. Oyl of Fennel-Seed gut. i. Spirit of *Vitriol*, q. s. or to make it gratefully ſour, mix and make a draught for one Doſe.

45. ℞ *Laudanum* of *Paracelsus* what you please, or gr. v. Syrup of the Juice of Black Cherries, Vervain Water, Nutmeg Water, A. ℥ij. Confect of Jacynths ℈j. Salt of red Coral gr. iij. Oyl of White Amber gut. j. mix, and make a draught for one Dose.

46. ℞ Waters of Wild Poppies, of Cowslips, A. ℥vj. Syrup of Poppies ℥ij. *Sal Prunella* ℥ß. mix them, Dose ℥iij. or iv. thrice a day, in watching without a Fever, or any manifest Cause, and in a Pleurisie.

47. ℞ Poppy Water, *ab* ℥iv. *ad* vj. Syrup of Poppies ℥j. give it twice or thrice a day for the same purpose.

48. ℞ *Diacodium*, *a* ℥iv. *ad* vj. Cowslip Water ℥iij. Treacle Water ℥ij. mix, and make a Potion.

49. ℞ *Gascoyn's* Powder, ℈j. *Diacodium* ℥iij. *Diascordium* ℈ij. mix them in a Spoon, and so take it.

50. ℞ *Cardus* Water ℥iij. *Diacodium* ℥ß. Spirit of Harts-horn gut. xvj. or xx. mix, and make a Draught, to provoke Sleep and Sweat.

51. ℞ *Laudanum Paracelsi* gr. ij. or iij. Treacle Water ℥j. Cowslip Water ℥ij. dissolve the *Laudanum* in the Waters, and make a Draught.

52. ℞ *Laudanum Paracelsi* q. s. Magistery of Pearls, Emeralds prepared A. gr. iij. mix, and with Oyl of Fennel Seed, make little Pills to be gilded for one Dose.

53. ℞ *Laudanum* q. s. Magistery of red Coral, Jacynthus prepared A. gr. iij. mix, and with Oyl of White Amber, or Oyl of Sweet Marjoram, make Pills for one Dose.

54. ℞ *Laudanum* q. s. Conserve of Marjoram ℥j. Confect of Emeralds ℈j. *Species Diambræ* ℈ß. *Elæosaccharum Cinnamomi*, so much as may make a *Bolus* for one Dose.

55. ℞ *Laudanum* q. s. Conserve of Rosemary Flowers ℥j. Confect of Jacynthus

cynths ℈j. *Species Diamoſchi dulc.* ℈ß. Oyl of Mace gut. j. Sugar tabulated and pearled q. s. mix, and make a *Bolus* for one Doſe.

II. *In Affections of the Heart.*

56. ℞ *Laudanum* q. s. Syrup of Limons ʒij. Waters of Borage, of Cinnamon, of Roſes, of Water Lillies A. ʒj. *Confectio Alkermes*, Tincture of Coral, A. ℈ß. Silt of Pearls gr. iij. mix, and make a draught for one Doſe.

57. ℞ *Laudanum* q. s. Syrup of Juice of Citrons, and Rasberries A, ʒij. Waters of Bawm and Bugloſs A. ʒiſß. Confect of the precious Stones ℈j. Tincture of the Ruby or Carbuncle ℈ß. mix, and make a draught for one Doſe.

58. ℞ *London Landanum* gr. j. or ij. Compound of Powder of Crabs Claws, from ℈ß. *ad* ℈j. Syrup of Cloves q. s. make iij. Pills to be taken going to reſt.

59. ℞. *Laudanum* q. s. Pearls trochiſcated, Bone of a Stag's Heart, A. gr. iij. mix, and with Oyl of Mace, make little Pills to be gilded for one Doſe.

60. ℞ *Laudanum* q. s. the five pretious Stones prepared, Oriental Bezoar, A. gr. j. mix, and with Oyl of Cinnamon, make ſmall Pills to be gilded for one Doſe.

61. ℞ *Laudanum* gr. j. or ij. Stomach Pills *cum Gummi* ʒß. make iv. Pills to be taken going to Sleep: it chears and revives the Heart, and is prevalent againſt the Cholick.

62. ℞ *Laudanum* gr. j. or ij. *Diaſcordium* ℈i. make a *Bolus*: you may alſo add Confect of *Alchermes*, or *de Hiacyntho* ℈ß.

63. ℞ *Laudanum* q. s. Conſerve of Borrage vitriolated ʒj. *Confectio Alkermes* ℈j. *Species Diamargar. frigid.* ℈ß. Sugar tabulated and pearled, q. s. mix, and make a *Bolus* for one Doſe.

64.

64. ℞ *Romani Philonum*, *a* ℈j. *ad* ℈ij. Conſerve of Cloves ʒß. mix them and make a *Bolus* to be taken going to reſt. It is good alſo againſt the Cholick in a cold Temperament.

65. ℞ *Laudanum* q. s. Conſerve of Clove Gilliflowers vitriolated ʒj. Confect of Citron Peels ℈j. *Species Diarrhodon Abbatis* ℈ß. *Elæoſaccharum Cinnamomi*, ſo much as may make a Bolus for one Doſe.

III. *In the Epilepſia, Vertigo*, &c.

66. ℞ *Laudanum* q. s. Syrup of Peony Flowers, Water of Lilly Convally, *Aqua Epileptica*, A. ʒij. *Conſerva Cephalica* ℈j. Chymical Oyls of Cubebs, and of Elks Hoof, A. gut. j. Spirit of Vitriol q. s. mix, and make a Draught for one Doſe.

67. ℞ *Laudanum* q. s. Syrup of Betony, Waters of Lavender, and of the Flowers of the Tile Tree, A. ʒij. Confect of Emeralds ℈j. Eſſence of *Camphir* gr. iij. Oyls of White Amber, and of Harts Horn, A. gut. j. *Elixir* of Peony q. s. mix them, and make a Draught for one Doſe.

68. ℞ *Laudanum* q. s. Magiſtery of Man's Skull, *Sulphur* of *Luna* dryed, A. gr. iij. mix, and with Oyl of of Elks Hoof, make little Pills, which gild for one Doſe.

69. ℞ *Laudanum* q. s. *Unicorns* Horn, Magiſtery of Coral, A. gr. iij. mix, and with Oyl of Man's Skull, make little Pills to be gilded, for one Doſe.

70. ℞ *Laudanum* q. s. Conſerve of Peony Flowers *vitriolated* ʒj. Confect of Emeralds ℈j. *Species Dialunæ Mynſichti* ℈ß. Oyl of Roſemary gut. j. mix, and with *Species Diambræ* q. s. make a *Bolus* for one Doſe.

71. ℞ *Laudanum* q. s. Conſerve of Roſemary flowers ʒj. Cephalick Conſerve, *Species Dialunæ*, A. ℈j. Oyl of Lavender, gut. j. mix, and with *Species Diamoſchu dulce* q. s. make a *Bolus* for j. Doſe.

In

IV. *In Vomiting, Hiccough, and debility of the Stomach.*

72 ℞ *Laudanum* q. s. Syrup of Mint. Stomach water, A. ʒiij. extract of *Calamus Aromaticus*, Salt of Wormwood, A. gr. iv. Oyls of Nutmegs and of Maſtich, A. gut. j. *Elixir* of *Vitriol* q. s. *ad gratiam*, mix for one Doſe.

73. ℞ *Laudanum* q. s. Syrup of Quinces, water of *Calamus Aromaticus*, A. ʒiij. Extract of Galangal the leſs, *Niter vitriolated*, A. gr. iv. Oyls of Cloves and Spear-mint, A. gut. j. *Elixir* of *Sulphur*, q. s. *ad gratiam*, mix, and make a draught for a Doſe.

74. ℞ *Laudanum* q. s. *Species Diagalangæ* ℈ß. mix, and with Oyl of Sage, make ſmall Pills for one Doſe, which are to be gilded.

75. ℞ *Laudanum* q. s. *Aromaticum Caryophillatum* ℈ß. with Oyl of Wormwood make ſmall Pills, for one Doſe to be gilded.

76. ℞ *Laudanum* q. s. green Ginger preſerved ʒj. Roots of Acorus condited ʒß. Oyls of Maſtick and Zedoary, A. gut. j. mix, and with *Species Diagalangæ*, make a *Bolus* for one Doſe.

77. ℞ *Laudanum* q. s. Conſerve of Spear-mint ʒj. Quiddony of Quinces ʒß. Oyls of Cinnamon, and of *Calamus Aromaticus*, A. gut. j. mix, and with *Aromaticum Caryophillatum*, make a *Bolus* for one Doſe.

V. *In Melancholly, Madneſs, Frenzy, &c.*

78. ℞ *Laudanum* q. s. Alexandrian Julep, Bugloſs Water, A. ʒiij. Spirit of *Terræ Sigillatæ*, Eſſence of Hypericon, A. ℈j. *Elixir Proprietatis*, made with Oyl of Sulphur q. s. *ad gratiam*, mix, and make a draught for one Doſe.

79.

79. ℞ *Laudanum* q. s. Bawm water ℥ß. Syrup of Bugloſs ʒij. Confect of Citron Peels, ʒß. Eſſence of Saffron gr. iv. Tincture of Emeralds ℈ß. mix for one Doſe.

80. ℞ *Laudanum* q.s. Sulphur of *Luna* dried, Magiſtery of Pearls, A. gr. iij. mix, and with Chymical Oyl of Roſes, make little Pills to be gilded for one Doſe.

81. ℞ *Laudanum* q. s. Pouder of Tortoiſe Shell burnt, Magiſtery of red Coral, A. gr. iij. mix, and with Oyl of Cinnamon make ſmall Pills to be gilded for one Doſe.

82. R. *Laudanum* q. s. Confect of Hyacinths ʒj. Eſſence of *Hypericon* ℈j. *Species Diamargaritoñ frigidum*, *Elæoſaccharum Citri*, A. ℈ß. mix, and with Sugar tabulated and pearled q. s. make a *Bolus* for one Doſe.

83. R. *Laudanum* q. s. Confect of Emeralds ʒj. Eſſence of *Hypericon* ℈j. Tincture of Coral, *Elæoſaccharum Cinnamomi*, A. ℈ß. mix, and with *Spicies Diarrhodon Abbatis*, make a *Bolus* for one Doſe.

VI. *In all kinds of Fevers.*

84. R. *Laudanum* q. s. *Carduus* Water ℥j. Syrup of Centaury the leſs ʒij. *Sal Febrile Mynſichti* ℈j. Extract of Zedoary ℈ß. mix, and make a draught for one Doſe.

85. R. *Laudanum* q. s. *Aquæ Febrifugæ* ℥j. Syrup of Wormwood ʒij. *Elixir Febrile* ℈j. Extract of Cloves ℈ß. mix, and make a draught for one Doſe.

86. R. *Laudanum* q. s. *Sal Febrile* ℈ß. mix, and with Oyl of Wormwood, mix, and make ſmall Pills to be gilded for one Doſe.

87. R. *Laudanum* q. s. *Niter vitriolated* ℈ß. mix, and with Oyl of *Camphir*, make little Pills, to be gilded for one Doſe.

88. R. *Laudanum* q. s. Venice Treacle ʒj. green Gin-

Ginger preserved ʒß. *Species febrifugæ*, ℈j. Salt of Wormwood, *Elæosaccharum Myrrhæ*, A. ℈ß. mix, and with *Species Diarrhodon Abbatis*, make a *Bolus* for one Dose.

89. R. *Laudanum* q. s. Venice Treacle ʒj. *Calamus Aromaticus* condited ʒß. *Sal Febrile Mynsichti* ℈j. *Elæosaccharum Rutæ*; mix, and with *Species Diarrhodon Abbatis*, make a *Bolus* for one Dose.

VII. *In Diseases of the Breast, Coughs, Asthma's, Phthisicks, &c.*

90 R *Laudanum* q. s. Syrup of Liquorise, Syrup of Horehoud, A. ʒjß. waters of *Lobock sanum*, of Hyssop, of Fennel, A. ʒj. *Elæosaccharum Anisi* ℈ß. mix, and make a draught for one Dose.

91. R *Laudanum* q. s. Waters of Horehound, of Coltsfooot, of Pauls Betony, A. ʒiß. Syrup of Hyssop, Syrup of Jujubies, A. ʒj. *Rob. nucum* ʒß. *Elæosaccharum Fœnículi* ℈ß. mix, and make a Draught for i. Dose.

92. R. *Diacodium* ʒiij. Snail water ʒi. mix them: It is good in Cough and Phthisick: Dose one spoonful at going to Bed, and another at Midnight, if need be.

93. R *Laud.* q. s. flowers of Sulphur compound, flowers of *Ben.* A. gr. iv. mix, & with chymical Oyl of Sage, make Pills, which gild for i. dose.

94. R *Laudanum* q. s. *Lac sulphuris*, Gum Tragacanth, A. gr. iv. mix, and with Chymical Oyl of Camomil, make Pills, which gild for one Dose.

95. R Pills of *Styrax*, gr. v. or vi. *Lac Sulphuris* ℈ß. Oyl of Anniseeds gut. j. *Balsam* of *Peru*, enough to make all into iij. Pills, for Coughs, Asthma's, &c.

96. R Pills of Hounds-tongue gr. vj. or viij. *Laud.* gr. j. *Lac Sulphuris* ℈ß. mix, and make Pills for the same Intentions.

97. R *Laudanum* q. s. Pectoral Lozenges ʒj. *Lobock sanum* ʒß. Juice of Liquorice, *Elæosaccharum Fœniculi*, A. ℈ß. Extract of Saf-

Saffron gr. iij. mix, and with *Mithridate* q. s. make a *Bolus* for one Doſe.

98. ℞ *Laudanum* q. s. Conſerve of Violets ʒj. *Lobech de pino* ʒß. *Species Diaſulphuris Mynſichti* ℈j. Extract of Elecampane, *Eleoſaccharum Aniſi* A. ℈ß mix, and with ſimple tabulated Sugar q. s. make a *Bolus* for one Doſe.

99. ℞ Extract of *Opium* ℈j. and of Saffron ʒj. Eſſence of Coral ʒiiß. Oyls of Nutmegs, of ſweet Marjoram, of Aniſeeds, A. ℈ii. Oyl of Amber ℈i. mix them: Doſe gr. iij. or iv.

100. Extracts of *Pill. de Cynogloſſo* ʒj. of *Philonium Romanum*, and of Venice Treacle, A. ʒi. *Ambergriſe*, *Muſk*, Saffron, A. ℈ß. *Bezoar* Stone, *Unicorns* Horn, A. gr. vi. with Oyl of Cloves, make *Laudanum*: Doſe gr. iii. or iv.

VIII. *In ſtopping all Defluxions of Humors, and thin Catarrhs falling from the Head upon the Aſpera Arteria, cauſing perpetual Coughings, and want of Sleep and Reſt.*

101. ℞ *Laudanum* q. s. waters of green Walnuts, and of Scabious, A. ʒii. Syrup of Corn Poppies, ʒiß. *Rob. Nucum* ʒj. Magiſtery of Coral roſate, *Eleoſaccharum Nucis moſchatæ*, A. ℈ß. mix, and make a draught for one Doſe.

102. ℞ *Laudanum* q. s. *Mynſichts*, bleſſed Water of Time ʒiij. Syrup of Jujubies ʒij. *Diacodium Crocatum* ʒj. *Eleoſaccharum* of Cubebs ℈ß. mix for one Doſe.

103. *Another in a very hot Caſe.* ℞ *Laudanum* q. s. Pomgranate Wine ʒj. Roſe water ʒij. Syrup of Poppies, *Diamorum*, A. ʒiß. *Niter* vitriolate gr. ij. mix for one Doſe.

104. ℞ *Laudanum* q. s. Magiſtery of Gum *Sandaracæ*, Emeralds prepared, A. gr. iv. mix, and with Oyl of Maſtich make little Pills, to be gilded for one Doſe.

105

105. ℞ *Laudanum* q. s. Magistery of Mastich, white Amber prepared, A. gr. iv. with Oyl of Frankincense, make little Pills to be gilded for one Dose.

106. ℞ *Species Diambræ* compleat ℥ii. *Thebian Opium* ℥vj. Mummy ℥ß. Juice of Hemlock ℥j. red Coral, white Amber prepared, A. ℈ij. Saffron ℈j. Musk gr. xv. Ambergrise gr. xij. with S. V. five times rectified, make an Extract according to Art. Dose à gr. ij. *ad* iv, vj. or more, Strength and Custom considered.

107. ℞ *Species Diambræ*, ℥ß infuse fourteen days in S. V. after add *Opium*, Juice of Henbane, A. ℥ij. red Coral, Amber prepared, A. ℈ß. Myrrh gr. viij. Saffron gr. v. Musk gr. iv. affuse the Spirit again and digest for a Month, then evaporate the S. V. till it is fit to make Pills. Dose à gr. ij. *ad* x. *Camerarius.*

108. ℞ *Opium* extracted ℥j. Juices of Oranges and Citrons, A. ℥ß. Cinnamon, Cloves, A. ℥ß. mix, and digest in the Sun, or in a warm Sand Heat for a Month, then add Saffron ℥ß. Liquor of Coral, Magistery of Pearls, A. ℈j. Musk ℈ß. Ambergrise gr. v. mix, digest again for a month, then add Quintessence of Gold ℈j. and keep it for use. Dose à gr. ij. *ad* viij.

109. ℞. *Opium* extracted ℥vj. Juice of Henbane inspissate ℥ii. which Extract also with S. V. Saffron ℥iiß. white Amber, ℥ii. Oyl of Nutmegs by expression, red Coral prepared, A. ℥iß. Leaves of Gold, Musk, A. ℈i. Mummy ℈ß. Oyl of Nutmegs Chymical, gut. xxiv. Oyl of Aniseeds, gut xii. mix, and make Pills. Dose à gr. ii. *ad* vi. *Bauhster.*

110. ℞ *Opium*, *Species Diambræ*, A. ℥j. make an Extract with S. V. to which add Extract of Juice of Henbane ℥vi. Extracts of Mummy, of *Castoreum*, A. ℥i. of Frankincense ℥ß, of Saffron ℥ii. Essences of Coral and Pearl, A. ℈i. Oyl chymical of Cinnamon ℥ß of Amber, of Citrons, of Cloves,

Cloves, of Mace, of Nutmegs, of Aniſeeds, Ambergr. Musk, A. ℈ß. mix, and make a Maſs. Doſe *a* gr. ij. *ad* viij.

111. ℞ Extracts of *Opium*, of Henbane Juice, or *Species Diambræ*, A. ʒj. to which add white Amber, red Coral prepared, A. ℈ij. extract of Saffron ℈j. Musk gr. xvj. Ambergriſe gr. x. mix, and make a Maſs for Pills. Doſe *a* gr. i. *ad* vj. *Brunnerus.*

112. ℞ Juice of Citrons clarify'd, & ſtrain'd through *Hippocrates* his Sleeve ʒß. Thebian *Opium* extracted with S. V. to the thickneſs of Honey ʒiv. mix them well, then add Magiſteries of Pearl and Corals, A. ʒij. Oyl of Cinnamon ʒß. Oyl of Cloves ℈ß. mix, and keep them for uſe: It is a neat Compoſition. Doſe *a* gr. iij. *ad* vi. viij. x. or xij. *Felix Wurtz.*

113 ℞ *Opium* extracted ʒvi. extract of *Species Diambræ* ʒij. extract of Henbane Juice ʒj. extract of Mummy ʒß. extract of Saffron ℈j. red Coral, white Amber prepared, A. ℈ij. Musk gr. xvj. Ambergriſe gr. xij. mix them well. Doſe *a* gr. ij. *ad* x. *Wierus.*

114. ℞ Extract of *Opium*, Magiſteries of Pearl and Coral, A. ʒj. extract of Saffron ʒij. Oyl of Cloves ℈j. mix them well. Doſe *a* gr. j. *ad* vi. *Pinkius.*

115 ℞ *Laudanum* q. s. conſerve of ſcabious Flowers ʒj. *Lohoch de papavere* ʒß. *Species Diatreos* ſimple, ℈j. and with *Diacodium ſolidum*, make a *Bolus* for one Doſe.

116 ℞ *Laudanum* q. s. conſerve of Corn Poppy Flowers ʒj. Rob. of Cornel berries ʒß. *Species Diamargariton frigidum* ℈j. mix, and with Sugar Penids, make a *Bolus* for one Doſe.

IX. *In all Fluxes of the Bowels; as Diarhœa's, Dysenteria's, and Lienteria's.*

117 ℞ *Laudanum* q. s. Tormentil water ʒß. *Syruppus Hemoptoicus*, ʒij. Essence of the Flowers of Archangel, or dead Nettles, extract of Bistort root, *Elæosaccharum* of Nutmegs, A. ℈ß, mix, and make a draught for one Dose.

118 ℞ *Laudanum* q. s. Plantane Water ʒß. syrup of Quinces ʒij. Essence of *Balausticus* ℈i. extract of Tormentil, *Elæosaccharum* of Cloves, A. ℈ß. mix, and make a draught for one Dose.

119. ℞ *Laudanum Cydoniatum liquid. gut.* xv. *ad* xx. Cinnamon Water ʒj. mix them for one Dose: It is good in Dysenteries, and all manner of Gripings of the Guts, as from Wind, *&c.*

120 ℞ *Laudanum Cynodiatum*, Venice Treacle, *Confectio Hamech*, A. ʒij. Powder of red Cloath ʒj. conserve of red Roses ʒj. Syrup of Coral enough to make a Confection. Dose ʒj. every fourth and fifth hour, in very bloody Dysenteries with with pains.

121. ℞ *Laudanum* q. s. Magistery of Coral rosate, *crocus martis*, A. gr. iv. mix, and with Oyl of Mastich, make little pills, to be gilded for one dose.

122. ℞ *Laudanum* q. s. Magistery of Gum Arabick, Harts-horn burnt and prepared, gr. iv. mix, and with oyl of Sage, make little pills for one Dose.

123. ℞ *Laudanum* q. s. old Conserve of Roses ʒj. Narcotick Sulphur of Vitriol ℈j. *Species Diamarit.* *Elæosaccharum* of Orange peels, A. ℈ß. mix, and with *species Diarhodon abbatis*, q. s. make a *Bolus* for one Dose.

124. ℞ *Laudanum* q. s. conserve of Comfrey Flowers ʒj. fine Bole ℈i. *species Diagalangæ*, *Elæosaccharum Citri*, A. ℈ß. mix, and with *Diamargaritonfrigidum*, make a *Bolus* for one Dose.

X.

X. *In Bloody Excretions, Hemorrhages, Overflowings of the Terms, Hæmorhoides*, &c.

125 ℞ Rasil Wood ground ℥j. Gum Arabick ʒiij. White wine q. s. boyl all in a Diet-pot, strain and add to ʒj. thereof, *Laudanum* q. s. Syrup of Quinces, *Diacodium Crocatum*, A. ʒii. magistery of Coral rosate, Essence of *Crocus martis*, A. ℈ß. *Eleosaccharum* of Cloves gr. iv. Rob. of Barberries enough to make it pleasant; mix, and make a draught for one Dose.

126. ℞ Roots of Tormentil, Virginia Snakeroot, Roots of Succory, A. ʒj. Harts-horn rasped, Threads in the middle of blown Roses, Seeds of Plantane and Sorrel, A. ʒß. Leaves of Shepherds purse, of golden Liverwort, of Burnet, A. ℈i. Flowers of Yarrow, red Roses, of Rosemary, A. ℈j. Sebestins, No. ij. Boyl in a *Diploma* or Diet Pot, with sufficient quantity of slipperick or Wine: strain, and to the straining ʒjß. add, *Laudanum* q. s. Syrups of Corn-poppies, of Comfrey, A. ʒij. Essence of Dragons blood ℈j. *Elæosaccharum* of Nutmegs ℈ß. *Rob* of English Currans enough to make it pleasant; mix, and make a Draught for one dose.

127 ℞ *Laudanum* gr. v. water of Shepherds purse ʒiß. *Rob* of Elder-berries ʒiij. *Sal prunellæ* ℈ij. extract of Tormentil ℈ß. *Camphir* gr. iv. mix, and make a draught for one Dose. This is an approved thing against the overflowing of the Terms.

128. ℞ *Laudanum* q. s. fine Bole prepared, magistry of Coral rosate, A. gr. iv. mix, & with oyl of Rosemary, make Pills to be gilded for 1. Dose.

129. ℞ *Laudanum* q. s. Mos's of the Sloe or Bullies tree, magistery of Pearl rosate; mix, and with Oyl of Sage, make Pills to be gilded for one dose.

130. ℞. *Laudanum* q. s. *Rob.* of Quinces ℥j. Troches of *Spodium* ℈j. Powder of

the Cuttle-fish Bone, *Elæosaccharum* of Zedoary, A. ℈ß. mix, and with *Diamargariton frigidum* make a *Bolus* for one Dose.

131. ℞ *Laudanum* q. s. Comfrey roots preserved ʒj. Troches of *Terra sigillata* ℈j. white Amber prepared, *Elæosaccharum* of Nutmegs, A. ℈ß. mix, and make a *Bolus* for one Dose.

XI. *In the Cholick and Illiack Passion*, &c.

132 ℞ COnserve of red Roses ʒj. *Zedoary* ʒj. boyl in Camomil water ʒiiij. strain, and to the strainings ʒjß. add *Laudanum* gr. vj. Syrup of Oranges ʒij. *Mynsicht* his extract for the Cholick ℈j. *Elæosaccharum* of Juniper ℈ß. mix and make a draught for one dose.

133. R. *Laudanum* q. s. *Mynsicht's* blessed Water of Time, ʒß. Syrup of Mint ʒij. *Mynsicht's* Cholick extract ℈j. *Elæosaccharum* of Oranges ℈ß. mix for one Dose.

134, ℞ *Laudanum* q. s. Carminative water ʒß. Syrup of Citron peels ʒij. extract of Zedoary, *Elæosaccharum*, A. ℈ß. Spirit of Niter q. s. *ad gratiam*: mix for one Dose.

135. ℞ *Liquid Laudanum*, made with Tincture of Salt of Tartar, gut. xx. *Species* of *Hiera* ʒß. make iv. pills to be taken going to Bed, to purge and allay pains in Cholicks.

136 R. *Liquid Laudanum* made as aforesaid gut. xx. *Aqua mirabilis*, or Cinnamon Water ʒj. Water of *Pyrethrum* ʒij. mix for Cholick, Gout and Nephritick pains.

137. ℞ *Laudanum* q. s. magistery of the Stone of a Carps Head, anckle bone of a Hare calcined, A. gr. iv. mix, and with white oyl of Amber, make Pills to be gilded for one Dose.

138. ℞ *Laudanum* q. s. Oriental Bezoar, anckle bone of a Hogs foot calcined, A. gr. iv. mix, and with oyl of Cummin seeds, make little pills to be gilded for one dose.

139.

139. ℞ *Laudanum* q. s. Conserve of Mint ʒj. Cholick extract ℈j. *Elæosaccharum* of Cinnamon ℈ß. mix, and with *species Diainisi*, make a *Bolus* for one dose.

140. ℞ *Laudanum* q. s. Conserve of Corn-poppy Flowers ʒj. *Elæosaccharum* of Camomil ℈ß. Niter vitriolated gr. iv. mix, and with *species Diacymini*, make one dose.

141. ℞ Opium dissolved in Malago Wine ʒj. Essence of Castoreum ʒß. extract of *Aromaticum Rosatum*, extract of *Diambræ*, extract of *species Diamoschu*, A. ʒj. Tincture of Saffron ℈ij. *species Diamoschi* ʒß. mix, and make *Laudandm Spagyricum in Cholica*: It is given with Syrup of *Stœchas*. Dose *a* gr. j. *ad* vj. or viij. *Mylius*.

142. ℞ Extract of *Opium* with S. V. ʒß. extract of Myrrh, Essence of Castor, A. ʒj. mix them, and add to the Mass the following Extract. ℞ Seeds of Parsly and Smallage, A. ʒj. Styrax, black Pepper, long Pepper, Euphorbium, A. ℈j. dissolve in Mallago Wine, digest, extract, express and evaporate to a due consistence, and add it to the former. Dose *a* gr. j. *ad* vj.

143. ℞ Extract of *Opium* ʒij. Musk ℈j. mix them well, and add to the Mass the following Extract. ℞ Confect of *Anacardiums* ʒiß. *Diacastorei*, *Myrrhæ*, A. ʒß. Saffron, black Pepper, A. ʒij. make an extract with Spirit of Mallago Wine, and add it to the former. Dose *a* gr. ij. *ad* viij. It is famous, not only in Cholick Passions, but in Watchings and want of rest.

XII. *In Pleuritick Pains, and Stitches of the Sides.*

144. ℞ *Laudanum* q. s. Corn poppy Flower water ʒß. Syrup of Maiden-hair ʒij. Extract of Liquorise ℈j. *Elæosaccharum* of Anniseeds ℈ß. make a draught for one dose.

145. ℞ *Laudanum* q. s. Water of Ladies Thistle ʒß: Syrup of Jujubes ʒij. Essence of Corn-poppy Flowers, *Elæosaccharum* of Fennel-seed, A. ℈ß. make a draught for one dose.

146. ℞ *Laudanum* q. s. Jaw-bone of a Pike, Tooth of a Bore prepared, A. gr. iv. mix, and with Oyl of Benjamin, make little Pills to be gilded for one dose.

147. ℞ *Laudanum* q. s. Flowers of Sulphur compound, of Liquorice extracted, A. gr. iv. mix, and with Oyl of Hyssop, make Pills to be gilded for one Dose.

148. ℞ *Laudanum* q. s. Conserve of Corn-poppy Flowers ʒj. *Lohoch sanum* ʒß. Pleuritick species of *Mynsicht* ℈j. *Elæosaccharum* of Cummin seeds ℈ß. mix, and with *Diatragacinth. frigid.* make a *Bolus* for one Dose.

149. ℞ *Laudanum* q. s. Conserve of Violets ʒj. *Diacodium Crocatum* ʒß. *Mynsicht*'s pleuritick species ℈j. *Elæosaccharum* of Camomil ℈ß, mix, and with *Diamos* simple make a *Bolus*.

XIII. *In Nephritick and Arthritick Pains, as of Stone and Gout.*

150 ℞ *Laudanum* q. s. *Aquæ Nephriticæ* ʒß. Syrup of Marsh Mallows ʒij. Salt of Pearch Stones ℈ß. Oyl of Pearls gut. iv. mix, and make a draught for one Dose.

151. ℞ *Laudanum* q. s. Germander Water ʒß. Syrup of Mallows ʒj. Salt of Crabs Eyes ℈ß. Oyl of red Coral gut. iv. mix, and make a draught for i. dose.

152. ℞ *Laudanum* q. s. magistery of Jews Stone, Venetian Borax, A. gr. iv. mix, and with Spirit of Turpentine, form Pills to be gilded for one Dose.

153. ℞ *Laudanum* q. s. Magistery of Spurge Stone, Niter prepared, or Salt of Egg-shells, A. gr. iv. mix, and with Oyl of Parsly seed, make Pills, which gild for one dose.

154.

154. ℞ Extract of *Opium*. Essence of Castoreum, A. ʒß. mix well, and add thereto this following Extract. ℞ Styrax, Myrrh, Celtick Spike, A. ʒij. leaves of Roses, of Asarabacca, Bramble-berry, Schænanth. Liquorice, A. ʒjß. Smallage and Parsly seed, Winter Cherries, A. ʒj. Seeds of the White Thorn, of Marsh mallows, A. ʒß. bruise, infuse, and with S. V. make an extract, which mix with the former, give it with Syrup of Maiden-hair, and Pills of washed Turpentine.

155. ℞ *Laudanum* q. s. Conserve of Violets ʒj. roots of Burnet condited ʒß. *Species Diamitri Mynsichti* ℈j. *Elæosaccharum* of Parsly ʒß. mix, and with Sugar of Violets make a *Bolus*.

156. ℞ *Laudanum* q. s. Conserve of Mallow Flowers ʒj. Eringo roots condited ʒß. *Species Nephriticæ Mynsichti* ʒj. *Elæosaccharum Citri* ʒß. mix, and with sugar of Roses make a *Bolus*.

XIV. *In Watchings, Unquietness and Restlessness.*

157 ℞ *Laudanum* q. s. *Aqua Hypnotica* ʒß. Syrup of Corn poppy Flowers ʒij. *Elæosaccharum Fœniculi* ʒß. Oyl of Pearls gut. iv. make a draught for one dose.

158. ℞ *Laudanum* q. s. Corn poppy Water ʒß. Syrup of Poppies simple ʒ j. *Elæosaccharum Anisi* ʒß. Spirit of Vitriol gut. iij. mix, and make a draught for one dose.

159. ℞ *Laudanum* q. s. Magistery of Pearl, Ambergrise, A. gr. iv. mix, and with Oyl of *Styrax Calamita* make little Pills, which gild for one Dose.

160. ℞ *Laudanum* q. s. Magistery of red Coral, *Lignum Aloes*, A. gr. iij. mix, and with Oyl of sweet Asa or Benjamin, make little Pills, which gild for one Dose.

161. ℞ *Laudanum* q. s. Conserve of red Roses vitriolate ʒi. *Lohoch de Papavere* ʒß. *Species Diamoschi* ƷƷß. extract of Saffron gr. vi. mix, and with *Diarrhodon abbatis*, make a *Bolus.*

162. ℞ *Laudanum* q. s. Conserve of Violets vitriolate ʒi. *Diacodium Crocatum* ʒß. *Species Diambræ* ƷƷß. extract of *Enula* gr. iv. mix, and with *Diamargariton frigidum* make a *Bolus.*

163. ℞ *Laudanum* q. s. *Laud. mineræle Mynsichti* gr. vi. Conserve of Corn poppy Flowers ʒi. *Camphir, Saccharum Saturni*, A. gr. iv. *Castoreum*, ƷƷß. mix for a *Bolus.*

XV. *In Hysterick Affections, or Diseases of the Womb.*

164. ℞ Spicknard, one blade, *Asarum*, Indian Leaf, Orrice Root, A. ʒi. Storax, Myrrh, Saffron, A. ʒii. Spirit of Malago Wine q. s. mix, digest, dissolve, and strain by Expression; to the Expression add Essence of *Opium* ƷƷß. extract of *Castoreum* ʒi. Salt of Mother of Pearls ʒii. mix, and make a *Laudanum* dose ʒß. with Syrup of Mug wort.

165. ℞ *Species Diamoschi, Diambræ*, A. ʒii. Essence of Castor ƷƷß. Essence of *Opium* ʒi. mix, and with S. V. q. s. make an *Opiate.* Dose *ad* ʒß. with Syrup of Mugwort; These two are given in pains of the Womb, where there is no Ulcer or Soreness.

166. ℞ Myrrh, Storax, Frankincense, white Starch, A. ʒii, Sarcocol, Mastich, Seeds of Endive, of white Poppy, of Plantane, A. ʒ ß. *Bdellium* ʒi. *Opium* ʒii. mix, infuse, digest and dissolve in S. V. q. s. then strain out by expression, to which add Essence of Castoreum ƷƷß. Essence of Saffron ʒi. mix, and make an *Opiate*, to be given with Syrup of Jujubes in pains of the Womb with Ulceration.

XVI.

XVI. *In Pains of the Bladder or its Neck, with, or without Ulceration.*

167 ℞ Juice of Liquorice, *Cortex Mandragoræ*, A. ʒii. Myrrh, Storax, Maſtich, Frankincenſe, A. ʒi. Seeds of Poppies, of Endive, of Mallows, Winter-Cherries, Mucilage of Gum Tragacanth, of Gum Arabick, A. ʒii. diſſolve in Malago Wine, and expreſs: To the Expreſſion add Extract of *Opium* ʒiß. *ſpecies Diamoſchi* ʒi. mix, and make an *Opiate* to be given with Syrup of Jujubes.

168. ℞ Juice of Liquorice ʒiv. Storax, Tragacanth, Gum Arabick, white Starch, A. ʒiii. fine Bole ʒii. infuſe and digeſt in Wine, and ſtrain out by expreſſion; to the ſtraining add extract of *Opium* ʒii. *ſpecies Diamoſchi dulcis* ʒi. mix, and make an *Opiate ut ſupra.*

169. ℞ *Acacia, Hypocyſtis*, fleſh of Quinces, *Sumach*, Nut Galls, A. ʒi. Cinnamons, Cypreſs, A. ʒß mix, infuſe, digeſt, and diſſolve in Malago Wine q. s. then ſtrain out; to the ſtraining add extract of *Opium*, Magiſtery of red Coral, A. ʒi. mix, and make an *Opiate* to be given with Syrup of dried Roſes: This alſo prevails againſt a tedious looſneſs, or fluæ of the Bowels.

XVII. *The Preparation of our Drops of Life,* Guttæ Vitæ noſtræ, *Or, which is two-fold.*

170 *First, with Spirit of Wine filled with volatile Salt of Tartar.* ℞ five Glaſſes holding a pretty deal more than a quart a piece; put into each a quart or better of S. V. rectified and filled with volatile Salt of Tartar (that is S. V. drawn from new Rheniſh Wine, affuſed on Salt of Tartar, and gently fermented) the making of which we have taught in

Sect.

Sect. 82 and 83. cap. 25. following. *Into the first Glass put Thebian Opium* ℥viii. dissolved in a part of the same Spirit. *Into the second Glass put Saffron and Cochinele* (the later in fine powder) A. ℥i. *Into the third put Castoreum* freed from Skins and Fat, and reduced into Powder ℥ii. *Into the fourth put Cloves and Nutmegs* in Powder, A. ℥i. *Into the fifth, put Virginia Snake-root bruised, Zedoary* in gross Powder A. ℥i. digest all severally a month in a place, neither hot nor cold, shaking them twice a day: Then let the *Opium* stand three days without shaking (as also the Tincture of Saffron, &c.) decant the clear *Opiate* Tincture into a great Glass holding about six quarts, which reserve. To the *Magma* of the *Opium* put the clear decanted Tincture of *Saffron*, &c. shake them well together twice a day, for three days; then let the Glass stand, (as also *the third Glass containing the Tincture of Castor*) three days without shaking; after which decant the clear Tincture of Saffron, &c. from the *Opiate Magma*, and put it to the Tincture of *Opium* in the great Glass; and to the *Opiate Magma*, put the clear decanted Tincture of *Castor*; which shake well together twice a day, for three days; then let the Glass stand (as also *the fourth Glass containing the Tincture of Cloves*, &c.) three days without shaking; after which, decant the clear Tincture of the *Castor*, and put it into the Tincture of *Opium* in the great Glass, as aforesaid. To the *Opiate Magma*, put the clear decanted Tincture of *Cloves*, &c. which shake well together twice a day for three days; then let the Glass stand (as as also the *Fifth Glass containing the Tincture of Virginian Snake-root*, &c.) 3 days without shaking; after which decant the clear Tincture of Cloves, and put it to the Tincture of *Opium* in the great Glass, as aforesaid. Lastly, to the *Opiate Magma*, put the clear decanted Tincture of Virginian Snake-

Snake-root, *&c.* which ſhake together twice a day for three days; then let it ſtand three days without ſhaking; decant the clear Tincture, and put it to the former; the which keep in a Glaſs cloſe ſtopp'd. In theſe Tinctures diſſolve *Narcotick Sulphur of Vitriol*, ††††††ᵃ. ℥i. ſhake them, digeſt ten days, and keep the whole for Uſe.

171. The Virtues are equal to the beſt and moſt exalted *Laud.* which you may ſee *lib.* 2. *cap.* 8. ſect. 7. of this work. Doſe *a* gut. x. *ad* xv. xx. or xxx. in a Glaſs of Sack, Cinnamon Water, or other fit Vehicle.

172. *Secondly, with Spirit of Sulphur, or depurated Juice of Citrons.*

Take five Glaſſes holding a pretty deal more than a Quart a piece; into four of which put a Quart or better of Spirit of Sulphur, or depurated Juice of *Citrons*, with their other proper Ingredients in the ſame quantities as in the former; and into *the fifth Glaſs put of the afore-mentioned S. V. with Volatile Salt of Tartar*, into which the Saffron and Cochinele are to be put; digeſt all ſeverally for a month, ſhaking them twice a day, and perfect the work in all reſpects by the former directions.

The Vertues and Doſe are the ſame with the former, ſave this is better in hot, dry and Choleriek Conſtitutions, and for ſuch as have a Heat and Boyling in their Stomachs.

Examples in compounding Cordials and Antidotes.

I. *Cardiacks which cheer the Heart by Accenſion, enkindling or heating the Blood.*

173. ℞ *Aquæ Cœleſtis* ℥ii. Borrage Water ℥ii. Syrup of Clove-gilliflowers ℥iſs. mix them for a draught.

174. ℞ *Aquæ mirabilis* ℥iſs. Angelica water the greater Compoſition ℥i. Syrup of Citrons ℥iſs. mix them.

175.

175. ℞ *Aquæ Vitæ Matthioli* (that is *Aquæ Cœleſtis*) *Aquæ Mirabilis*, A. ℥iii. Bezoartick Water of *Langius* ℥iv. choice Canary ℥i. *Syrup* of Quinces ℥iß. mix.

176. ℞ Wormwood water the leſs Compoſition ℥ ii. Lavender water compound ℥ iii. *Confectio Alkermes* ℥ iv. ſimple Bawm water, Syrup of Violets, A. ℥iß. mix them.

177. ℞ *Elixir Vitæ majus* of Quercetan ℥ i. *Spirit* of Angelica the greater Compoſition ℥ ii. *Tinctura aurea* ℥ iii. Bugloſs water, Syrup of Coral, A. ℥i. mix them,

178. ℞ Cinnamon water ℥iß. *Syrupus Cardiacus* ℥ii. mix them.

179. ℞ Cinnamon water, Wormwood Water, A. ℥ß. *Tinctura Vitæ noſtra* ℥ vi. *Syrup* of Quinces ℥i. mix them.

180. ℞ *Spirit* of Wormwood the greater Compoſition ℥i. Oyl of Cinnamon gut. iv. choice Canary ℥ii. *Syrup* of Citron peels ℥i. mix them.

181. ℞ Cinnamon water, Angelica Water, the greater Compoſition, Confect of *Alkermes*, A. ℥ß. Bezoartick water of *Langius* ℥ vi. *Sage* Water ℥ii. mix them.

182. ℞ Cinnamon water, Bezoartick water, A. ℥ß. *Spirit* of Lavender ℥ ii. *Tinctura aurea* ℥ i. *Sage* water ℥iii. Syrup of Clove Gilliflowers ℥iß. mix them.

183. Treacle Water ℥ß. *Aquæ Mariæ* ℥i. *Scordium* water compound ℥vi. Parſly water ℥ii. *Syrup* Bizantine compound ℥ß. mix them.

184. ℞ *Tincturæ vitæ noſtræ*, Bawm Water the greater Compoſition, A. ℥ß. Cinnamon water ℥ vi. Sage Water, Syrup of Limons, A. ℥iß. mix them.

185 R. Cinnamon water of *Matthiolus* ℥i. Syrup of Bawm, and of Citron peels, A. ℥ß. Spirit of Roſes gut. xii. mix them; 'tis an admirable Cordial.

186. R. Wormwood water, Imperial Water, A. ℥ß. ſimple diſtilled Water of Time ℥ ii. Syrup of Citron

Citron Peels ℥j ℈ß. mix them.

187. ℞ Bezoartick water, Clove water A. ℥ij. Tincture of Salt of Tartar ℥j. Oyl of Cinnamon gut. iv. Sage water ℥iij. Syrup of Betony compound ℥ij. mix.

188. *Aqua Imperialis Caroli Quinti Imperatoris.* ℞ Lillies Convally, red Roſes, A. ℔iij. Lavender flowers ℔j. Roſemary flowers ℔ß. Betony M. vj. Rue M. iv. Sage M. iij. Take each in their beſt Seaſon, and put them into S. V. ℔viij. This done, add Cinnamon bruiſed ℔j. Grains of Paradiſe ℥v. Cubebs, Nutmegs, A. ℥iv. Cloves, Mace, Caraway Seeds, Amber A. ℥iij. Ambergriſe ℥ß. bruiſe all that are to be bruiſed, and affuſe thereon Rheniſh wine ℔xxxvj. digeſt 3 or 4 days, and diſtill either in a Glaſs Alembick, or in a Copper Veſica well tinn'd within: The firſt 24 pints keep by it ſelf, the reſt for an ordinary Water. *The firſt 24 Pints being dulcified with Sugar, may be drank as need requires, in all Fainting and Swooning Fits, a* ℥ij. *ad* ℥ß. *it is alſo good in a Vertigo, Head-ach, Dimneſs of Sight, loſs of Memory*, &c.

189. ℞ Of the aforeſaid Imperial Water, Angelica Water, the greater Compoſition, A. ℥ß. Syrup of Citron, and of Clove Gilliflowers A. ℥vj. ſimple Bawm water ℥j. mix.

190. ℞ *Aqua Vitæ Matthæoli*, Syrup of Citrons, Borage Water, A. ℥ß. ſimple Angelica water ℥j ß. mix them, and give it upon fainting.

II. *Cordials or Cardiacks which allay the too great Effervescency or Accenſion of the Blood.*

191. ℞ Diſtilled Rain water ℔j ß. Syrup of Clove-Gilliflowers ℥j ß. Juice of Limons ℥j. Spirit of Sulphur gut. xxj. mix them. Doſe ℥j. or more when you pleaſe.

192.

192. ℞ Waters of Wood-Sorrel, of the whole Citron, of Strawberries, A. ℥vj. Syrup of Limons, or of the Juice of Citrons ℥iß. Pearls prepared ℥j. Doſe ʒij. three or four times a day.

193. ℞. Diſtilled Waters from Pipins or Pearmains, of Rasberries, A. ℥ix. Syrup of Violets ℥jß. Spirit of Vitriol or Sulphur, gut. xviij. mix and make a Julep.

194. ℞ Yellow Sanders, Conſerve of Citron Peels, of Flowers of water Lillies, of Violets, of Roſes, Pearls prepared, Raſpins of Ivory, Bone of a Stags Heart, Fragments of Iacynths, of Emeralds, of Saphyrs prepared, red Coral prepared, A. ʒi. Sorrel ſeeds ʒij. choice Musk ℈i. Juice of Alkermes q. s. mix and make a Conſerve. Doſe *a* ʒß. *ad* ʒi.

195. ℞ candied Eringoes ℥vi. Graſs roots ℥iij. Kentiſh Pipins ſliced, No. ij. Shavings of Harts-horn and Ivory, A. ʒij. Leaves of Wood Sorrel M. *j.* Spring water ℔iij. boyl all to ℔ij. ſtrain out, and add Syrup of Violets and of Clove-Gilliflowers, A. ℥j. *Sal prunellæ* ʒij. mix and diſſolve doſe ʒlij. or more thrice a day.

196. ℞ Barly Broth ℔ij. Syrup of Citrons ℥ij. Cryſtalls of Tartar ℥ß. diſſolve and give ℥iij. or iv. 3 or 4 times a day.

197. ℞ A ſtrong Decoction of Borage, Bugoſs, and Sawn ℔ij. Syrup of Violets, and of Citrons, A. ʒi. Tartar vitriolate ʒj. mix and diſſolve. Doſe ℥iij.

198. ℞ Conſerve of red Roſes vitriolated ℥iv. Spring water ℔ii. diſſolve over a gentle heat, and ſtrain. Doſe ℥iij. *ad libitum.*

199. ℞ Conſerves of red Roſes vitriolated, and of Violets vitriolated, A. ℥iij. water of the whole Limon or Citron ℔iij. diſſolve and ſtrain; to the ſtraining add Juice of *Alkermes* ℥iii. mix them. Doſe ℥iv. at pleaſure.

200. ℞ Conſerve of Wood Sorrel, Rob. of Raſberries, A. ℥ii. Confect of Hyacinths ℈iv. Pearls prepared ℈ii. Syrup of Juice of Citrons q. s. make a Confect. Doſe ʒß. thrice a day.

III.

III. *Cordials or Cardiacks, which open the too strict jointing of the Blood, that thereby in its Fermentation, its Superfluities may be the more easily separated and expelled*; and these are for the most part Salines, either *Volatile, or Alcalizate*, or *Acid*, or *Fixed*, or *Nitrous*.

FIrst, *Cardiacks, whose Basis is a Volatile Salt*, as *Spirits of Harts-horn, Sal Armoniack, Elks Hoofs, Cranii humanii, Amber, Virginian Snake-root, Contra yerva, Mithridate, Treacles of all sorts, Zedoary, Salt of Vipers, of Amber, Man's Skull, Ashes of Toads*, &c.

201. Spirit of Elks hoof a gut. xv. *ad* xx. *Aquæ vitæ Matthioli* ʒii. Spirit of Sulphur gut. ij. give them in an appropriate Liquor.

202 ℞ Spirit of Man's Skull, gut. xviii. Treacle-water ʒiiſs. mix them, and give the mixture in some ſpecifick Vehicle.

203. ℞ Water of Birth-wort Leaves ℔j. waters of Penny-royal, of Hyſſop, A. ʒiv. *Aqua mirabilis, aqua Lumbricorum*, and Water of Snails, A. ℥j. Syrup of Clove Gilliflowers ʒſs. mix and make a Julep.

204. ℞ Spirit of Harts-horn ʒi. Tincture of Antimony ℥i. mix them: the Doſe a gut. xx. *ad* xxx.

205. ℞ Spirit of Harts-horn gut. 20. Treacle water ʒii. Spirit of Sal Armoniack gut. ii. mix, and give in a proper Vehicle.

206. Spirit of man's Blood ℈i. *Aquæ Vitæ Matthioli* ʒiiſs. Bawm water ſimple ℥iv. mix them.

207. ℞ Spirit of Soot gut. xv. *Aqua mirabilis* ʒiſs. Angelica water, the greater compoſition ʒii. mix, and give in a proper Vehicle.

208 ℞ Spirit of Harts-horn, Spirit of Sal Armoniack, A. gut. vi. Wormwood water the greater compoſition ʒſs mix, and give in a fit Vehicle.

209. ℞ Salt of Vipers ʒi. *Sal prunellæ* ʒii. *pulvis ex cheli Cancrorum compoſitus* ʒiſs, mix and make a Powder. Doſe a ʒi. *ad* ʒiſs. in

in a Spoonful of Syrup.

210 ℞ Flowers of *Sal Armoniack* ℈ß. *Bezoar Mineral* ℥i. Make a Powder to be given in ſome Cordial Syrup or proper Liquor. *Theſe laſt ten may be profitably given in all ſorts of Fevers in reſpect of the Blood, as alſo in Swoonings, and ſuddain Langours, in reſpect of the Animal Spirits.*

Secondly, *Cardiacks, whoſe Baſis is an Alchalizate Salt; ſuch are Bezoar Stone, Pearls, Coral, Bone of a Stags Heart, Harts horn crude, Ivory in Powder, Crabs Eyes and Claws, Oyſter ſhell, Terra ſigillata, and other ſtony & earthy Subſtances of like Nature.*

211. ℞ Prepared Coral, Pearls, A. ℥ii. Bezoar Stone, and Bezoar Animal, A. ℈ß. white Amber prepared ℈ii. *Ambergriſe* ℈i. mix and make a Powder. Doſe ℈ß. twice or thrice a day in ſome proper Syrup or Water.

212. ℞ *Pulv. ex Chelis Cancrorum Compos.* ℥iß. pearl prepared, Man's Skull prepared, Male-peony Roots, A. ℈iv. Flowers of Male-peony, of Lilly, Convally, A. ℥ß. make a Powder to be taken as aforeſaid.

213. ℞ Pearl, red Coral, white Amber, Ivory, all prepared, A. ℥iß. *Species Diambræ* ℥i. white Sugar diſſolved in *Aqua Roſarum*, and boyled to a Conſiſtency ℥vii. make Tablets weighing half a ℥ to eat one, two or three often in a day.

214. ℞ Conſerve of Lilly, Convally ℥ iiii. of Flowers of Sage, ℥ii. Powder of Coral, of Pearl, Crabs Eyes, and Ivory prepared, A. ℥ß. Vitriol of Steel ℥ i. Syrup of Coral q. s. make an Electuary. Doſe *a* ℥ i. *ad* ii. twice a day, drinking after it ſome Cordial Julep as the following.

215. ℞ Waters of Flowers of Lilly Convally, of Peony, or of the Tile Tree, of the whole Citron A. ℥ vi. Water of Rinds of Oranges diſtilled with Wine ℥ ii. Syrup of Violets ℥iß. mix them.

216. ℞ *Gaſcoin's* Powder or of Crabs Claws com-

pound

pound ℥j: *Bezoar Animale* ℥ij: Salt of Vipers ℥j: mix and make a Pouder, dose *a* ℈ ß *ad* ℈ j, or more in Syrup.

217. ℞ Oriental Bezoar, Bezoar animal, Bezoar mineral, A. ℥ij: mix them in a fine pouder. Dose *a* gr. vj ad ℈ j, or more.

218. ℞ Pouder of Crabs Eys and Crabs Claws, A. ℥j: Pearl, Coral, and Amber prepared, *A.* ℈ jv: Bezoar Orientral and Animal, *A.* ℥ß: fine Bole, Diaphoretick Gold A. ℈ ij: Bezoar mineral ℥j; mix in a fine pouder: dose a ℈j ad ℥j;

219. ℞ Ivory, Coral, Amber, all prepared, A. ℥ij: *Species Diambræ*, ℥j: Salt of Steel ℥ij: Sugar ℥ viij. Ambergrise in fine pouder ℈ ß: make Tablets weighing ℥ß: Dose ℥ iij, or ℥ ß; twice a day.

220. ℞ Coral prepared, flowers of Sal Armoniack, Amber prepared, A. ℥ ii: *Sal prunellæ*, pouder of red Poppy flowers, A. ℈ß: Dose ℈j twice a day in a proper Vehicle.

221. ℞ *Sal Prunellæ* ℥ij: Salt of Amber ℥ i: Pearl Coral prepared A. ℥ ß: Salt of Harts horn ℈ j: mix in a fine pouder: Dose gr. xv. *ad* ℥ ß: in a proper Vehicle. *The Eleven aforesaid are most proper in Pleurisies, Tremblings and Palpitations of the Heart, for that they destroy the Powers of the acid Salts: and so hinder the Coagulations and Extravasations of the Blood.*

Thirdly. *Cardiacks, whose Basis is an Acid Salt, or Fluid Salt, such are all acetous Medicines, as, Vinegar, Treacle Vinegar, Bezoartick Vinegar, Spirit of Vitriol, Sulphur and Salt: juyces of Sorrel, of Wood-Sorrel, of Pomgranates, of Oranges, of Limons, of Citrons, with many others of the same kind.*

222. ℞ *Prophylactick* water of *Sylvius* ℥ij: Syrup of the Juyce of Citrons ℥ ß: Angelica water *a* ℥ j ß: mix them: Dose ℥ ij *ad* ℥ iv.

223. ℞ Some Cordial water ℥ jv: Syrup of the Juyce of Citrons ℥ ß: Treacle water ℥ ii: Pearls prepa-

red ℈ß. ſpirit of Vitriol a gut. iij *ad* vj: make a drink to be taken twice or thrice a day.

224. ℞ Spring water ℔ iv: Juyce of two large Limons, Syrup of Clove-gilly-flowers ℥ iij: Hypocraſs ℥ ij, mix: Doſe ℥ iv, or more, 3 or 4 times a day.

225. ℞ aſhes of Harts-horn ℥ iij: ſpirit of Vitriol ℥ i: mix them in a glaſs-Mortar and dry them: Doſe à ℈j ad ℥ß. in 2 or 3 ſpoonfuls of a Cordial Julep.

226. ℞ Antimony Diaphoretick or Bezoar Mineral ℥ß: Spirit of Salt ℈ iv: mix and dry, as aforeſaid: and give à ℈ij *ad* ℥ß in a glaſs of white wine and Sugar.

227. ℞ Freſh Straw-berries ℔ viij: whitewine ℔viij, Oranges, peel and all, ſlic'd: N° xii: let them ferment in a cloſe Veſſel, with filings of Steel ℔ß, for 24 hours: then diſtil in a Copper *Alembick* tin'd within: Doſe *ab* ℥ j *ad* ij or iij: Of like nature with theſe things is *the Divine Drink of the Palm Tree. Theſe 6 or 7 laſt things with an innumerable others prepared from acid or fluid Salts, are great Alexiterians, curing all malignant Feavers, yea and are good in the Plague it ſelf; for that they unlock the joyntures or Combinations of the fixed Salt with the aduſt Sulphur in the blood in Feavers; whereby the Coagulations, and Extravaſations of the Blood, which commonly happen in all malignant Feavers, are often prevented or ſuddenly cured.*

Fourthly, *Cardiacks, whoſe Baſis is a fixed or lixivial Salt, made by Incineration, Elixiviation, and Evaporation, from Vegetables, Animals, and ſome kinds of Minerals.*

228. ℞ *Cardinus* Water or *Mynſicht's Aqua febrifuga* ℥ iij: Salt of Wormwood ℈ j: Oyl of Sulphur ℈ ß: mix them to be taken 2 or 3 hours before the Paroxiſm of a Feaver.

229. ℞ Waters diſtilled from the whole Citron flic'd, from Wood Sorrel, *A.* ℔ß. Sugar ℥ ß.: Juyce of Limons ℥ ij: Salt of Tartar ℥ ß: Salt of Wormwood ℥ ß: mix and

and make a Julep, to be given in any irregular Fever, having sharp fits, day by day without shaking.

230. ℞ Simple Damask water and Angelica Water, of ℥ij: Salt of Century the less ℥ß: Syrup of Clove-gilliflowers ℥i: mix them.

231. ℞ of the Alexandrian or Royal Julep ℥vj: Salt of Century the less, of Wormwood, of Cardnus, ℳ. ℥ß: Syrup of Citron Juyce ℥ß: mix them.

232. ℞ Prophylactick water of *Sylvius* ℥ß: Salt of Tartar gr. xv. water of Century the less ℥iij: mix them for a draught.

233. ℞ Cardnus water ℥iv: Salt of Century the less, & of Wormwood, ℳ. ℈ß: Oyl of Vitriol, gut. iiij: Syrup of Century ℥j: mix them.

234. ℞ Fetherfew-water ℥iij: Salt of Broom and of Germander, ℳ. ℥ß: Salt of Tartar Vitriolate gr. xv: Syrup of Violets ℥j: mix them.

235. ℞ Spring water ℥iij: Salt of Wormwood or of Tartar ℈j: Syrup of the Joyce of Limons ℥j: mix them for a Dose. *These & the following are Alexipharmacons, or Antidotes set in several kinds of Fevers whereby the Fermentation of acid Salts reigning in the Viscera and the Blood, are corrected: and as there are divers sorts of Salts generated in the human Body, which pass every where from one state to another: so ought there to be given for every Intention, Salts not of one but of a diverse kind.*

Fifthly, *Cardiacks*, whose Base is a *Nitrous Salt*, such as are *Nitre*, *Sal prunella*, *Sal Antimonial Nitre*, &c. whose Particles being inspired with Air, uphold and maintain the life of animals. The Lord Bacon truly observes, That the Particles of Nitre, being carried into the Ventricle, and Salsa inspired together with the Air (where, joyned with certain sulphurous Particles, they make a flame) renders much to the conserving and prolonging of our life.

236. ℞ Spring water ℔ij: Sal Prunella ℥ß: Sy-

Syrup of Clove Gilliflowers ℥ss: mix them: dose ℥ij: or ℥iss: 3 or 4 times a day.

237. ℞ Fennel Water ℥iij: flowers of Niter ℥ij: Volatile Salt of Amber ℈ij: and ℥ss: Syrup of Violets ℥iv: ℥vj: mix them, and give it as the former.

238. ℞ of the Alexandrian Julep, ℥iv: Antimonial Sal prunellæ ℥iiss: volatile Salt of Harts-horn, gr. x. Syrup of Lemons ℥i: mix them for ij Doses.

239. ℞ Confection of Alkermes ℥ij. *Lapis Prunellæ*, in fine powder ℈ij. *Sal Cranii humani* ℈ij: mix for two Doses to be taken morning and night.

240. ℞ *Electuarium Stomachicum Mynsichti* ℥ss: Mithridate ℥ij: *Electr. de Ovo* ℈ij. *Sal Prunellæ* ℈ij. mix for iv Doses.

241. ℞ Venice Treacle ℥ij: flowers of Niter ℥ij: Salt of Ox horns ℥j: mix them well: Dose a ℥ij. *ad* ℥iss: or ℥ij.

242. ℞ *Electr. Diacessaron* ℥j: Sal Prunellæ ℥ij. *Sal Absynthij* v. Salt of Amber ℈ij: mix for 4 or 6 Doses.

243. ℞ Sal prunellæ ℥j volatile Salt of Harts-horn gr. iij: Volatile Salt of Amber gr. v. mix them in a powder, and give it in a spoonful of Syrup of Bawm.

244. ℞ Salt of Wormwood, Oriental Bezoar, Saffron, *ad.* gr. x. Bezoar mineral gr. viij: Sal Prunellæ ℈ij *ad* ℥iss: mix, and give it in *Syrupus Cardiacus*, for it in Our *Pharm. Lond. lib. cap.* 16 *sect.* 16 the Author of it was *Uffenbachius*.

245. ℞ Bezoar Mineral gr. x. *Pulvis Cardialis Fernelii magis compositus, Lapis Prunellæ* ℈ gr. xxvj. mix, give it as the former.

IV. Alexiterian Cordiacks, or Antidotes preservative.

246. ℞ *Aqua Cardiaca* ℥iss: Powders of Angelica, gut. xx. Powders of Wormwood, gut. x. Syrup of Citron-peels ℥ss: mix, and take it twice or thrice a day.

247. ℞ Bezoartick water of *Langius*, Syrup of Wormwood, compound, ℏ. ℥iss: choice

choice Canary ℥ iij: mix them, and take it in the morning fasting, and at night going to bed.

248. ℞ Cinnamon water of *Matthiolus*, *Tinctura auræa*, *Æ.* ℥ ij. Syrup of Bawm compound ℥ ß: *Electuarium de ovo* ℥ j: mix and take it thrice a day.

249. ℞ Prophylactick water of *Sylvius*, *aqua Epidemica*, *Æ.* ℥ ij: Syrup of Peony compound ℥ ß: choice Canary ℥ iv, mix, and give it 2 or 3 times a day.

250. ℞ *Aqua magna* of *Phioravant*, and his *Aqua ad Pestem*, ana ℥ ij: Syrup of Clove-Gilliflowers ℥ ß: Canary ℥ ij: mix, and take it morning and evening. Dose ℥ j.

251. ℞ *Spiritus Cardiacus* ℥ iij: simple Angelica water ℥ ji, *Syrupus Regius* ℥ i ß: mix, and let it be taken 3 or 4 times a day.

252. ℞ Choice Canary, ℥ iij: *Elixir Proprietatis*, gut. xx. *Syrupus de Stœchade* ℥ j ß: mix them well, and let it be taken 2 or 3 times a day.

253. ℞ Prophylactick water of *Sylvius*, Treacle water *Æ.* ℥ ß: Syrup of dry'd Roses ℥ ß: Canary ℥ ij ß: mix to be taken twice or thrice a day or oftener.

254. ℞ *Tinctura Cardiaca*, *Tinctura Carminis*, Treacle Water, *Æ.* ℥ i ß Canary ℥ vi: Syrup of Violets ℥ ij: mix, and let it be taken three times a day: dose ℥ j or ℥ ij ß.

255. ℞ *Aquæ Angelicæ* the greater Composition, water of Butterbur compound, *Aqua Epidemica*, *Aqua Betonicæ Langii*, *Aquæ Imperiales*, *Aq. Mirabilis*, *Aqua Cælestis*, Scordium water compound, Prophylactick water of *Sylvius*, *Æ.* ℥ j: choice Canary ℥ xij ß: Syrups of Citron peels, of Clove gilliflowers, of Stœchas, of dryed Roses, and the Juyce of Violets, *Æ.* ℥ j, ℥ vj: mix them well together. Dose *ab* ℥ j *ad* ℥ ij; or more several times of the day.

256. ℞ of the Virginian Snake-root, Contrayerva both bruised, *Æ.* ℥ ß; Zedoary bruised, Saffron, *Æ.* ℥ ß: Cochenele bruised, Camphir, *Æ.* ℥ j; S. V. rectified, a quart: put all in-

to the Spirit, except the Camphir: digest 12 daies in a cool place, shaking it 2 or 3 times every day: then letting it stand 3 dayes to settle, decant off the clear into a clear Glass, into which put the Camphir (first dissolved in a spoonfuls of rectified S.V.) and keep it close stop'd for use. Dose gut. 40 or 50 in a little Canary, or any fit Vehicle, several times a day.

257. ℞ Mountain Calamint, Catdunt, Scordium, Goats Rue, Lavender, Bawm, Rosemary, *Ut. M.* j: Roots of Avens, of white Dittany, of Masterwort, yellow of Orange Peels, *Ā.* ℥j: Myrrh, Cinnamon, Cloves, *Ā.* ℥ss: Saffron ℥j: *Aquæ Vitæ* ℔viij: digest 10 or 12 dayes, shaking it every day, then letting it settle: Decant the clear for use: Dose *ab* ℥ss: *ad* ℥j.

258. ℞ *Radicis Serpentariæ* ℥iv: boil in Spring water ℔iv: in the Consumption of the half: strain, and add Honey ℥iij ss: Venice Treacle ℥j ss: *Tincturæ aureæ* ℥vj: mix, dissolve hot, strain again and keep it for use. Dose 2 or 3 spoonfuls 3 or 4 times a day.

259. ℞ flowers of Sulphur ℥iiij: melt them in a Crucible, to which add by spoonfuls one after another, *Salis Absinthii* ℥iv: mix till the Mass grows red: then put to it pouder of Aloes, Myrrh and Olibanum, *Ā* ℥j: saffron ℥ss work them together for above a quarter of an hour, till they be incorporated: the Mass being cooled and put on a Marble or Glass plate, to melt into a fair Oyl like a Ruby to see to. Dose à gut. 10 *ad* 20 in ℥ j ss or ℥ ij of Bezoartick water. *Willis.*

260. ℞ of the former pouder q. s. put upon it *Tinctura vitæ*, or Tincture of Virginian Snake-root and Contrayerva in S.V. so much as may over-top it 3 inches, and extract the Tincture: Dose à gut. 20 *ad* 30. in a fit Vehicle.

261. ℞ of the former pouder ℥ss: generous Wine ℔ij: dissolve it in a close Vessel and warm: Dose one Spoonful twice or thrice a day.

262. ℞ Oriental Bezoar, Viper pouder, A. ℥j: Contrayerva, Virginian snakeroot, both in fine pouder, *A.* ℥ß: *species Liberantis* ℥ ij, Camphir ℥ß, mix them. Dose à gr. xvj *ad* ℥ß: in any proper Syrup or Vehicle.

263. ℞ Viper pouder, Indian Cachunde. *A.* ℥ß: Bezoar mineral, Bezoar stone *A.* ℥ ij: Compound pouder of Crabs Claws, Camphir, *A.* ℈j: mix. Dose à gr. xv. *ad* ℥ß.

264. ℞ Virginian snakeroot, Contrayerva, both in fine pouder, Zedoary in fine pouder; Cloves, Nutmegs, in fine pouder, *species Liberantis*, *A.* ℥ij: Camphir ℈ ij ß; Sugar dissolved in Bezoartick Vinegar and boiled to a Consistency ℥ viij; make Tablets according to Art weighing ℥ ß: or something less: to be eaten 1 or 2 often in a day.

265. ℞ Conserve of leaves of Rue ℥ iv: Mithridate, *Confectio Liberantis*, *A.* ℥j: *Confectio de Hiacinthe* ℥ ij: Salt of Wormwood ℥ ij ß: pouder of red Cloth (or instead thereof Cochenele) ℥ß Bezoartick Vinegar, q. s. make an Electuary; Dose the quantity of a Chesnut thrice a day.

266. ℞ Venice Treacle ℥ ij: *Electuarium de Ovo* ℥ j: Viper pouder ℥ ß, Camphir ℥ß: mix, and make an Electuary. Dose ℥ ß: 2 or 3 times a day, drinking after it a Glass of Canary.

267. ℞ Venice Treacle ℥j ß: Compound pouder of Crabs Claws ℥ ij: Bezoar stone ℥j: Camphir ℈ j, mix and with a little Bezoartick water, make an Electuary. Dose ℥ ß.

268. ℞ Conserves of Marsh Wormwood, of Scordium, of Rosemary flowers, of Sage flowers, *ana* ℥ ß: Venice Treacle ℥ij: Bezoar Mineral, Viper pouder, *A.* ℥ vj: mix, and with a little of the Bezoartick water of *Langius* make an Electuary. Dose ℈ j 3 times a day.

269. ℞ *Laudanum Paracelsi* gr. ij, iij, or jv: Oriental Bezoar as much: mix them well together, and take it ev'ry night, drinking a glass of Sack after it.

270. ℞ *Laudanum opiatum* gr. ij or iij: Oriental Bezoar gr. vj: Venice Treacle ℈i: mix them, to be taken every night going to bed.

V. *Alexiterian Cardiacks, Or Antidotes Curatory.*

After the Infection or Contagion hath seized, all the former things may be given, but in a greater Dose, and other; as also both acetous things, and the fixed Salts of Herbs, for that the Crasis *of the Blood being vitiated and corrupted, they dissolve all its Coagulations, and Hetrogeneous particles what soever, which being transpired, its liquor at length recovers and retains its prestin state and condition.*

271. ℞ Bezoartick water of *Langius* ℥ ſs: Prophylactick water of *Sylvius* ℥ iij: Cinnamon water ℥ j: Camphir gr. v. mix for a Dose.

272. ℞ ♀ V. rectified ℥j: the red Hungarian powder ℥ ſs: mix and keep it close from for 8 or 10 hours: then add thereto Saffron, Cochenele, Viper-powder, *A.* ℈ ſs: Canary ℥ jv: mix, and shake all well together, and give it at once, to ſweat upon.

273. ℞ Oriental Bezoar, Mineral Bezoar, Viper powder, Moſaick Gold, *A.* gr. x. Camphir gr. v. Laudanum opiatum gr. i. or ij: mix, and add thereto Spirit of *Angelica* the greater Compoſition ℈iv: *Tinctura Auræa*, Treacle Water, *A.* ℥ ij: Choice Canary ℥ iij: mix for one Doſe: & let the ſick ſweat well upon it.

274. ℞ Treacle-water ℥ j ſs: Venice Treacle ℥ ij *Electuar. de Ovo* ℥ ß: mix.

275. ℞ *Aqua Cardiaca* ℥ jv: *Spiritus Cardiacus* ℥ß Diaſcordium of *Silvius* ℥ j: mix, and give it the ſick warm: you may ſweeten with Syrup of Clovegilliflowers, or of Citrons.

276. ℞ *Aqua Cardiaca*, prophylactick water of *Sylvius*, *A.* ℥ij: Confectio Alkermes Chymica ℈j: viper-powder ℈ ſs: Camphir gr. iv: mix for one doſe.

277. ℞ Bezoartick water ℥ ij ſs: Bezoartick Vinegar ℥ ſs: Venice Treacle ℥ j: mix

mix them well by shaking in a glass, for a Draught to provoke sweat.

278. ℞ Whitewine, Canary, A. lb j: Virginian Snakeroot, Contrayerva, Carduus Leaves, A. ʒ j; boil and make a strong Decoction, strain and dissolve therein Venice Treacle ʒ ss: to which add of the King of *Poland's* Vinegar ʒ j: Saffron ʒ j in pouder: Sweeten with Syrup of juyce of Citrons, & of Clovegilliflowers, A. q. s. and make two Draughts to be taken in 12 hours space to sweat upon.

279. ℞ Waters of Angelica, of Carduus, of Dragons, A. ʒ jv: of Scordium Compound ʒ ij: of Bezoartick water, Treacle water, A. ʒ j pouder of Pearls ʒ i: Syrup of Clove Gilliflowers (or of juyce of Citrons) ʒ ij; Spirit of Vitriol, gut. xij: mix and make a julep: Dose ʒ iij, often in a day: sometimes alone, sometime with other Medicines. *Willis.*

280. ℞ *Aqua Cardiaca* ʒ xij: Treacle water, *Aqua Epidemica*, Bezoartick water A. ʒ iss; Prophylactick water of *Sylvius*, *Tinctura aurea* A. ʒ ij: Syrup of Limons ʒ iij; Oyl of Sulphur gut. xvj: mix them. Dose 3 or 4 spoonfuls.

281. ℞ Damask Rose-Water, Angelica water, *ana*, ʒ vj: Spirit of Angelica the greater Compositon, *Aqua Epidemica*, Treacle water, Syrup of Limons, A. ʒ iiss: dissolve therein Venice Treacle, Orvietan the greater Composition, *Elect. de Ovo*, A. ʒ i; Dose ʒ ij or more at a time, 2 or 3 times a day.

282. ℞ Bezoar Mineral ʒ ss: Venice Treacle ʒ j: Camphir gr. vj: Bezoartick Vinegar q. s. make a Bolus, to be swallowed alone, or taken dissolv'd in some proper Vehicle: drinking after it a draught of cordial Julep.

283. ℞ Oriental Bezoar ʒ j: *Electuarium de Ovo* ʒ ss Extract of Contrayerva, pouder of Saffron, *A.* ʒ ss. Camphir gr. jv; make a *Bolus*, which take as the former.

284. ℞ Viper pouder ʒ ss, Venice Treacle ʒ i: Saffron ʒ ss: Camphir gr. v. Tartar vitriolate, gr. vii: mix and make a Bolus to be taken

ken as the former.

285. ℞ Venice Treacle ℥ i; Viper pouder, Orientall Bezoar, Bezoar mineral, Saffron, Cochenele, in fine pouder, A. ℥ ß: Camphir gr. iv: *Laudanum Opiatum* gr. j or ij: Bezoartick Vinegar, q. s. make a Bolus, to be taken, as aboveſaid.

286. ℞ Pouder of Toads, (made by a Cloſe Calcination) prepared, pouder of Crabs-Claws compound, A. ℥ ß: make a pouder, and give it as the former. *Willis.*

287. ℞ Venice Treacle, ℥ j: Salt of Vipers, gr. xij: mix for a Doſe.

288. ℞ Gaſcoins pouder, pouder of Contrayerva, of Virginian Snake-root, A. ℥ j or gr. *xxv.* mix them, and give it in a ſpoonful of Treacle water, drinking after it a draught of ſome cordial Julep.

289. ℞ Compound Pouder of Crabs Claws, Viper-pouder, A. ℥ j: mix, and give it in a little Treacle-water.

290. ℞ Bezoar orientall gr. vi or viii: *Laudanum Paracelſi* gr. iii or iv: mix and give it, and let the ſick take after it a little *Aqua Epidemica*, or a draught of choice Canary, and ſo ſweat upon it.

There are hundreds of other Ingredients, which you may find in our Books, and of which you may make a thouſand other Compoſitions of equal force and virtue, in imitation of theſe Examples: of which you may ſee a plentiful ſpecimen in our Synopſis Medicinæ, lib. 3. cap. 33. ſect. 21. *The very place where we treat of the Cure of the* Plague *or* Peſtilence, *to which we refer you.*

CAP.

CHAP. XXIII.

Examples in Compounding Catharticks and Sudorificks, Diureticks and Ischureticks.

Examples in Compounding Catharticks.

1. *Such as are Gentle.*

1. ℞ Rhubarb thin sliced, ℥ ſs: yellow Sanders ℥ ſs: Salt of Tartar ℈ j: infuſe all night in Whitewine ℥ iij: Cichory water q. s. ſtrain, and to ℥ iij thereof add Syrup of Succory and Rhubarb ℥ ſs: Cinnamon water ℥ ij: mix for a Potion.

2. ℞ Infuſion of Rhubarb in Whitewine ℥ij: Syrup of Buckthorn ℥ ſs: mix for a Doſe.

3. ℞ Purging Line M. j: Sweet fennel Seeds ℥ ij: Spring water, q.s. boil to ℥ vj: ſtrain, and add Whitewine ℥ij: give it for a Doſe.

4. ℞ Damask Roſes ℥ j: clarified Whey, q.s. Whitewine ℥ iij: boil to ℥ vj: ſtrain, then add Syrup of Roſes purging ℥ j, and give it.

5. ℞ Peach Leaves or Flowers, M. ſs: Roots of Agrimony ℥ jſs: Spring-water q. s. Whitewine ℥ iij or jv: boil to ℥ viij: ſtrain, ſweeten with purging Syrup of Roſes, ℥ j, and give it.

6. ℞ *Pillul. Stomachicæ* with Gums ℈ j: or ℥ ſs: Tartar Vitriolate gr. ij or iij: Balſam of Peru or Tolu, q.s. make 3 or 4. Pills.

7. ℞ *Pill. Ruffi*, gr. xxv. Tartar Vitriolate gr. iij: Scammony gr. ij. mix for a Doſe.

8. ℞ *Pill. de Succino* ℥ ſs: Salt of Wormwood gr. vi: Reſin of Jallap, gr. ii: mix them.

9. ℞ Pouder of Scammony gr. xv. *Mercurius dulcis* gr. x. mix in a fine Pouder.

10. ℞ Rhubarb in pouder ℥ ſs: Salt of Wormwood ℈ ſs: Cloves in pouder gr. iij: mix and give it in a ſpoonful of Cinnamon water, or in

a draught of broth.

11. ℞ Sena in pouder ℈ij: Calomelanos gr. xvij: yellow Sanders ℈ß: Scammony gr. ij: make a pouder to be given in a little *panada*.

12. ℞ Mechoacan in pouder ʒ ſs: Ginger ℈ j: Scammony gr. ij; make a pouder for a Doſe.

13. ℞ Sena in pouder, Rhubarb, A. gr. xvj. Cloves in pouder gr. vij: mix them.

14. ℞ Electuary lenitive ʒ ſs: Creamor Tartari ʒ ſs: Syrup of Roſes q.s. make a Bolus.

15. ℞ new drawn Caſſia ʒ ſs: Rhubarb in pouder ℈ j Sena, Cloves gr. x. Tartar vitriolate gr. vj: Scammony gr. ij: Syrup of Roſes, q.s. mix and make an Electuary.

II. *Such as are moderate, or ſtrong.*

16. ℞ Mechoacan, Gummy Turbeth in pouder, *A.* ʒ ſs: Diagredium, Cremor Tartari, *A.* ʒ ij: Reſin of Jallap, Red Sanders, *A.* ʒ i: Conſerve of Violets ʒ j: Sugar diſſolv'd in Roſe-water and boyl'd to a fit Conſiſtency ℔ j ſs: make Tablets of ʒ j: Doſe j or ij of them, as you ſee occaſion. *Silvius.*

17. ℞ Sena ʒ ij; Turbith, Mechoacan, Rhubarb, *ana* ʒ j ſtrings of black Hellebor ʒ ß. Cloves, Nutmegs, Cinnamon bruiſed, *ana*, ʒ ij: Salt of Tartar ʒ j ſs: Rheniſh wine ℔ jv or v.: digeſt 10 dayes in a cool place, in a great mouth'd Glaſs cloſe covered: then diſſolve in it Sugar-Candy or fine Sugar ʒ iij, or ʒ iv; after ſtrain it, and keep it for uſe: Doſe ʒ iij, or more.

18. ℞ Sena ʒ v: Polypody freſh, ſharp pointed dock, A. ʒ ij: Turbith, Mechoacan, A. ʒ j ſs: Rhubarb ſliced ʒ j, Epithymum, yellow Sanders, Coriander ſeed, Juniper-berries, A. ʒ j ſs: ſlice and bruiſe what are to be ſliced and bruiſed: put them into a bag with a ſtone in it, and work them up with 16 quarts of Ale. Doſe from half a pint to a pint, every or every other Morning.

19. ℞ Sena ʒ iij: Rhubarb, Troches of Agarick, A. ʒ j ſs: Coriander ſeeds ʒ j: yellow Sanders ℈ ij;

Salt

Salt of Tartar ℥ ss: Spring-water, white Wine, *Aa.* ℥ vj: infuse warm, and close covered all night: strain and sweeten with purging Syrup of Apples ℥ j, adding Myrobalan water ℥ ij.

20. ℞ Cassia new drawn, Tamarinds, *Aa.* ℥ ss: Coriander seeds ʒ ij: Spring-water ℥ x: boil to the consumption of a third part: strain, and sweeten with Syrup of Succory with Rhubarb ℥ j.

21. ℞ *Pil. Stomachica* with Gums ʒ ss: Resin of Jallap, Scammony, *Aa.* gr. v. Tartar Vitriolate, gr. vj: Gum Ammoniacum dissolv'd q. s. make iiij pills.

22. ℞ *Quercetan's* Pills of Tartar ʒ ss: Resin of Jallap gr. xiij: Tartar vitriolate gr. vj: Balsam of Tolu q. s. mix and make iiij pills for one dose.

23. ℞ *Pil. de Succino, Tartaro Quercetani*, *Aa.* ʒ ij. Scammony gr. x. or xij: Tartar vitriolate, gr. vj: Balsam of Tolu, q. s. mix, and make pills.

24. ℞ Jallap in fine pouder ʒ ij: Scammony ʒ i: Cloves, Nutmegs, Ginger, *Aa.* ʒ j: with Ammoniacum dissolved, make a mass of Pills. Dose ʒ ss.

25. ℞ The pouder of Diasena ʒ j: Cremor Tartar ʒ j: mix and give it with a Draught of broth.

26. ℞ Resin of Jallap ʒ ss: Calomelano's ʒ j: Cloves, gr. vj: mix, and give it as the former.

27. ℞ Our Royal pouder ʒ ss: Scammony gr. xiij: Tartar Vitriolate gr. vj: Resin of Jallap, gr. ij: pouder of Cloves, gr. viij: mix them.

28. ℞ of the Species Diacurbith à ʒ ss *ad* ʒ j: Tartar Vitriolate, à gr. vj *ad* xij: mix them.

29. ℞ Jallap in fine pouder à ʒ ss *ad* ʒ j: Ginger ʒ j: Cloves gr. iij: mix: give it in a Glass of White-wine.

30. ℞ Jallap, Mechoacan *Aa.* ʒ j: Cremor Tartari gr. xv. Cloves, gr. viij: mix.

31. ℞ Mechoacan, Sena *Aa.* ʒ ss: Tartar vitriolate, Cloves, *Aa.* gr. viij: mix, etc.

32. ℞ Jallap, Mechoacan Sena, *Aa.* ʒ j: Cremor Tartari gr. xxiv: Ginger ʒ ss: Gloves, gr. v. mix, and make a fine pouder.

33.

33. ℞ Jallap, Mechoacan A. ℥j: Cambogia gr. xiv: Scammony, gr. iij: Cloves gr. viij: mix them.

34. ℞ *Elect. Lenitivum*, ℥ fs: Cream of Tartar ℥fs Resin of Jallap gr. vj: Syrup of Roses q.s. mix, and make a *Bolus*.

35. ℞ *Elect. Diaphanicon* ℥ fs: Hermodact. ℥ fs: Syrup of Roses, q. s. mix and make a *Bolus*.

36. ℞ Jallap in fine powder ℥j: Mechoacan, Cremor Tartar, *A.* ℥fs: Scammony ℥j: Ginger ℥ij: Cloves, Salt of Wormwood, *A.* ℥j: Syrup of Roses solutive, q.s. mix, and make an Electuary. Dose the Quantity of a Walnut.

III. *Cathartick, which are stronger.*

37. ℞ *Decoct. Sena Gerenie* (with Addition of strings of black Hellebor, Agarick, *A.* ℥j fs:) ℥vj: Water of Myrobalans ℥ij: Syrup of Roses solutive, or of Peach-flowers ℥j: mix them.

38. ℞ of the best Sena ℥fs: strings of black Hellebor, Gummy Turbith, *A.* ℥j: Coriander seeds ℥i fs: wood of Aloes ℥j: Salt of Tartar, Mechoacan, *A.* ℥fs: White wine ℥viij: infuse, close and warm all night: strain out, and to the clear add Cinnamon water ℥ij: Elect. of the juyce of Roses, ℥iij: Syrup of Buckthorn ℥vj: mix and make a Potion.

39. ℞ Tincture of Colocynthis ℥j: Tincture of Cloves ℥j fs: mix them.

40. ℞ *Pil. Rudij* ℥ fs: Resin of Jallap, gr. viij, 1, or xij: Strasburgh Turpentine, q. s. mix and make Pills.

41. ℞ *Pil. Cochiæ minus* gr. xxv. *Mercurius dulcis* ℥i: mix them and make 4 Pills.

42. ℞ *Pil. ex duobus* ℥j ad ℥fs: *Mercurius dulcis* ℥j: Resin of Jallap, gr. iij: mix them.

43. ℞ *Pil. de Sagapeno* ℥j: *Cremor Tartari* gr. xij: Resin of Jallap, gr. vij: mix them.

44. ℞ Turbith, Hermodact. *A.* ℥iij: Scammony ℥j: Cloves ℥fs: mix. Dose ℥ fs ad ℥i.

45. ℞ *Pulvis Cornachini* vulgar

vulgar ℈ ij: Cambogia, Ginger, *A. gr.* xvj: mix them.

46. ℞ *Pulvis Cornachinij* vulgar ℈ ij: Resin of Jalap, *gr.* vj: Cloves, *gr.* viij: mix them.

47. ℞ Pouder of Hermodacts compound, ℥ ß: Resin of Jalap, *Cremor Tartari, A. gr.* vj: mix.

48. ℞ Electuary of the Juyce of Roses ℥ ß: Resin of Jallap, *gr.* x: *Cremor Tartari*, ℈ ß: Syrup of Roses solutive, q.s. mix, and make a *Bolus*.

49. ℞ of our Family Pills, ℈ j: choice Turbeth, Cremor Tartari, A. *gr.* xvj: Balsam of Peru, q.s. mix, and make a dose of Pills.

50. ℞ of our Family Pills, of our *Pil. Agregativæ, A.* à *gr. xvj* ad ℈ j: Balsam of Peru, q.s. mix, and make pills.

51. ℞ of our Family Pills, of our Agregative Pills, of *Pil. Rudij*, A. ℈ ß, mix them.

After the manner of these Examples, you may make a thousand other Prescriptions.

EXAMPLES in Compounding Sudorificks.

I. *Such as are proper Anticathartick.*

52. ℞ *Elect. de Ovo*, Venice Treacle, A. ℥ ß: Laudanum *gr.* i, or ij: mix them.

53. ℞ Venice Treale ℈ j: *Confectio Anodyna nostra, gr.* vj: Dissolve in a glass of Claret Wine burnt with mint, and so drink it.

54. ℞ Barly-water aromatiz'd with Cinnamon, Mint-water, A. ℥ iv; *Aqua Epidemica, Aqua Theriacalis*, strong Cinnamon-water, *A.* ℥ iij; Magisteries of Coral and Pearl, *A.* ℈ j: Syrup of Corn-Poppy flowers ℈ j: mix and make a Julep.

55. ℞ of the former Julep, *Aqua Epidemica A.* ℈ j; *Liquid Laudanum* of Helmont ℈ j; mix them.

56. ℞ of our liquid Laudanum, *gut.* x. Oriental Bezoar, *gr.* x. Diascordium ℈ j: mix them.

57. ℞ Spirit of Mithridate or of Venice Treacle drawn with Sal Armoniack ℈ j: of the Julep above at Sect. 54. ℥ iij: mix them, and give it

it every 3d, 4th, or 5th hour.

58. ℞ Pouder of Crabs claws compound, of Contrayerva, of Virginian snake root, of Oriental Bezoar, of Bezoar mineral, of Bezoar animale, of Cinnamon, of Galangal, of Zedoary, of Tormentil roots, of Cochenel, of Saffron, ā. ℈j: mix and make a fine pouder. Dose à ℈ss: and ℥ij in the former Julep, or in Cinnamon water: mixt with Syrup of Clovegilliflowers.

59. ℞ Venice Treacle ℥j: Spirit of Harts horn ℈j: Laudanum gr. j: mix them.

60. ℞ *Electuarium de Ovo* ℥ss: Spirit of Soot, gut. x. *Laudanum opiatum*, gr. ij: mix them.

61. ℞ Ale or Wine lb ii: Mace, Nutmegs, Cinnamon ā. ℥ss: Cloves ℈ss: boil them with a cruft of Bread: strain out, and sweeten with Syrup of wild Poppyes ℥j: give it as ordinary drink.

62. ℞ Venice Treacle ℥j of our Liquid Laudanum, gut. xv. or xx. mix them.

63. ℞ Venice Treacle, conserve of Red Roses vitriolated ā. ℥j: Contrayerva, Virginian snake-root, Tormentil roots, Alkanet roots, Pearl, Coral, all in fine pouder, ā. gr. vij: and with Syrup of Corn-poppy-flowers, q.s. make an Electuary: drinkingafter it about ℥ iij of the Julep at sect. 54. above: and let it be taken every 4th or 5th hour.

64. ℞ Cochenele, ℥j: Contra-yerva, Virginian snake-root, ā. ℥ß: Saffron gr. x. mix them. The dose ℥ß: in any fit Vehicle, as Mint, Lettice, or Poppy-water sweetned.

65. ℞ Red Roses, Scorzonera ā. ℥ i: Tormentil, bistort: Contrayerva, ā. ℥ ij Harts-horn burnt, Cochenele ā. ℥ ijß: shavings of Harts-horn and Ivory ā. ℥ ij: Saffron ℈ss: Spring-water lb ij boil all to lb ij: towards the end of the boyling add Conserve of red Roses ℥ jv: Bolarmenians ℥ iß: then strain out the clear, and add Treacle Water, *Aqua Epidemica* ā. ℥ ij: dose twice or thrice a day ℥ iij.

66. ℞ strong Mutton broth boiled almost to a Jelly ℥ xij Oyl of Hypericon ℥ iij. Mithridate,

thridate ʒ ſs: mix them for a Clyſter.

67. ℞ Diaſcordium ʒ j: Cowſlip and Cinnamon water A. ʒ i ſs: mix them, 'tis a good thing.

68 ℞ Cinnamon-water ʒ j: Poppy-water ʒ j ſs; Laudanum Cydoniatum gut xx. or more: mix them for a doſe.

69 ℞ fine Bole (impregnated with Juyces of the leaves of Tormentil, Biſtort and red Roſes, and dryed in the Sun:) Contrayerva, roots of Tormentil, A. ʒ j: Pearls, red Coral, whiteſt Amber, A. ʒ ſs: make all into ſubtil pouder: Doſe ʒ ſs to ʒ I: in a fit Vehicle.

70. ℞ Red Roſes dryed, tops of Cyprus, Myrtle, A. M. iv. leaves of Hypericon, Meadow-ſweet, Burnet, Pimpernel, A. M. iij; Roots of Tormentil, Biſtort, Cinnamon, Nutmegs, Mace, A. ʒ j: Berries or grains of Kermes ʒ iv: ſlice and bruiſe all together, upon which affuſe red Florence Wine, red Roſe-water A. lbjv ʒ iij: diſtil in an ordinary ſtill to dryneſs: and ſweeten the diſtilled Liquor with Syrup of Coral: doſe ʒ iij or iv.

71. ℞ of the Water juſt now deſcribed ʒ ſs: of our gutta vitæ, gut xx. mix them.

72. An excellent purge in this caſe: ℞ Rhubarb lic'd ʒ ij: yellow Myrobalans ʒ ſs; yellow Sanders ʒ ſs: pouder of Cinnamon ʒ j: Salt of Wormwood ʒ ij: Plantane water; and Cinnamon barly water, A. ʒ ij ſs: infuſe all night: ſtrain and add thereto ſtrong Cinnamon water ʒ ij ad ʒ iij: give it for a doſe: It purges, binds, and ſtrengthens the bowels.

II. *Sudorificks or Hydroticks ſimple, conſiſting of the whole Concrete.*

73. Firſt, *ſimple Concretes, a Volatile ſharp or bitter*; Scordium, Carduus, Cabious Alexiterium, Marigolds, Camomil, Butterbur, Zedoary, Galangal, Guaiacum, Box, &c. To theſe may be added ſome compound

Confects of like Nature, as Mithridate, Venice-Treacle, *Electuarium de Ovo*, Diascordium, *&c.* These being taken, awaken the Animal Spirits, by which the *Præcordia* being more lively actuated, the Circulation of the Blood is perform'd the more swiftly. They also go in and ferment the Blood in the stomachical Vessels, so that whilst it circulates quicker back towards the heart, it is at the same time more vehemently circulated forwards, through the arteries into the habit of the Body, whence comes sweating.

74. Secondly, *Simple Concretes of an Alchalisate and as it were fixed Salt.* Oriental Bezoar, Peals, Coral, Crabs-eys and Crabs-claws, Terra sigillata, Harts-horn, Ivory, Oyster-shells, stony, bony, earthy and shelly Substances, *&c.* These by their alchizate Salt, sometimes meeting with an acid Salt, both in the Viscera, and also in the Blood, and fermenting together, or growing hot, cause the sanguinious Mass to be fused, and its serosities to be separated and resolved into sweat. Of both these kinds of Sudorificks you may see a cloud in our *Synop. Medicinæ, lib. 3. cap. 33. sect. 31. §. 6. 10. 12. 13. & 14.* of the last Edition.

III. *Sudorificks* or *Hydroticks, which have for their Base the Integral parts of the Matter, in which a sharp Volatile Salt is most potent.*

75. ℞ Carduus M. j: boil in a sufficient quantity of Posset drink *ad* ℥ viij: which give either alone, or with some other Diaphoretic pouder or confect.

76. ℞ of the former Decoction ℥ jv: Mithridate ℥ j ß. mix them for a draught.

77. ℞ Camomil flowers M j: Scordium M ß: Spring water, q. s. boil to ℥ viij strain out, and add Venice Treacle ℥ j: Treacle-water ℥ ß.

78. ℞ Roots of butter-bur ℥ j ß. Seeds of the same ℥ j: Elecampane root ℥ jv: Camomil

momil-flowers, ℥ iij: Spring water ℔ j: boil to ℥ viij: ſtrain, and diſſolve therein Venice Treacle ℥ ſs.

79. ℞ Decoct. Sudorific. Emperici German, ℥vi: Mithridate ℥ j: mix them.

80. ℞ Decoct. adverſus Epilepſiam ℥ jv: Elect. de Ovo ℥ ſs: Viper pouder ℈ i mix them.

81. ℞ *Decoct. Ligni Guajaci Myſichti* ℥vj: Alexipharmick pouder of Barbes, ℥ j ſs: mix them and give it early in the morning.

82. ℞ of the ſweating Infuſion (in our Pharm. lib. 4. cap. 16. ſect. 3) ℥ ij: Venice Treacle ℥ ſs: *Elect. de Ovo* ℈ j: mix for a doſe.

83. ℞ a ſtrong Decoction of Carduus ℥ vj: of Treacle Vinegar ℥ ij: mix them.

84. ℞ a ſtrong Decoction of Camomil-flowers ℥ vj: *Acetum Peſtilentiale* ℥ j ſs: Venice treacle ℈ ij: mix them and give it.

85. ℞ Myniſichts *Acetum Mithridaticum* ℥ j ſs: ſolar Bezoar ℈ j: mix for a Doſe.

86. ℞ the Bezoartick Vinegar of Sala, ℥ j ſs: Mithridate ℥ ſs: Viper-pouder ℈ j mix them.

87. ℞ Myniſichts *Acetum Rhizoticum* ℥ ſs: Extract of Carduus gr. xxv. mix them.

88. ℞ Myniſichts *Acetum Theriacale* ℥ j ſs: Diſcordium ℥ j ſs: Mithridate ℈ j: mix them.

89. ℞ S. V. ℔ ij: Contra-yerva ℔ j: bruiſe, and put all into a Matraſs: digeſt till the Tincture is drawn forth: then ſtrain and abſtract in B.M. to the thickneſs of new Honey: the abſtracted ſpirit keep by it ſelf: upon the reſidue put more freſh ſpirit, and laſtly extract the Tincture. Doſe a ℥ ſs, ad ℥ j: in a fit Vehicle.

90. ℞ ſtrong Carduus or Camomil poſſet drink ℥ vi j: Mithridate ℥ j ſs: Conſerve of Wood-ſorrel ℥ j ſs: mix them.

91. ℞ Scordium or Camomil-poſſet drink ℥ vj: Venice Treacle ℥ j: Salt of Wormwood ℈ i: mix them.

92. ℞ Decoction of Butter-bur roots, or of Virginian Snake-root, ℥ vj: Electuarium ad Tabidos ℥ j, of more: mix them.

93. ℞ a ſtrong decoction

of Sope-wort, or of Raſpings of Box-wood ʒ vi, Viper-pouder ʒi: mix them: this faſt is beſt in a Venerial Cauſe.

94. ℞ Shavings of *Lignum ſanctum* ʒ jv: Sarſaparilla ʒ vj: Antimony poudred and tyd up in a Rag ʒ vi: China ʒ ij: of all the Sanders, A. ʒ j: ſhavings of Ivory and Harts-horn, A. ʒ ſs: ſpring-water ℔ xvj: infuſe and boil till half is conſum'd, then ſtrain it. To the Ingredients put more water ℔xvj: infuſe and boil till one third is conſumed, adding Raſins of the Sun ℔j: liquorice ʒ j: ſtrain and keep it for ordinary uſe Drink. *Willis.*

95. In a hot Temperament cholerick, increaſe the *Sarſa* chiefly, and then the *China*, leaving the *Guajacum* wholy out. This is agreable with Experience. After the Sudorifick doſe, in the morning, it's good in ſome diſeaſes to provoke Sweat further, as in Bath, Chair or Stove, *&c.* ſo will the recrements of the Blood and nervous Juyce the better breath forth: alſo to continue the taking thereof, the ſpace of 30, 40, 60, or more dayes, *&c.*

96. ℞ Virginian Snake-root ʒj; Saffron ℈ ſs: Treacle-Vinegar ʒ j: Hippocraſs ʒ iij: mix them.

97. ℞ *Tinctura Diaphoretica Paracelſi cum Opio*, ʒ ſs *ad* ℈ij: Bezoartick Vinegar ʒ j: mix them.

98. ℞ Elixir de Contrayerva, Elixir of the Virginian Snake-root, A. ʒ ſs: Hippocraſs ʒ jv: mix, and give it: if you add Salt of Wormwood, gr. xvj: it will be much better.

99. ℞ Viper-pouder ℈ij. Saffron in pouder, Salt of Wormwood A. ℈ ſs: mix them.

100. ℞ Pouder of Toads prepared by a cloſe Calcination à ʒ ſs *ad* ʒj: Oriental Bezoar ℈ ſs: Saffron gr. vij: mix them.

101. ℞ Contrayerva, Virginian Snake-root, Zedoary, A. ʒ j: Saffron, Cochinel, A. ʒ ſs: Oriental Bezoar, ℈j: mix them.

102. ℞ Extract of Virginian Snake-root ʒ ſs: pouder of Crabs-Claws compound ℈ j: mix them.

103.

103. ℞ *Pulvis antipestilentialis* ʒ ſs: Bezoartick water ʒ j: Hippocraſs ʒ ij: mix them.

104. ℞ *Pulvis ſudorificus Barbetti* ʒ ſs: Saffron ℈ ſs: Musk gr. v. mix them.

105. ℞ of our Pouder of Crabs claws compound ℈ j: Extract of Carduus ℈ ſs: with Balſam of Peru, q. s. make a Bolus.

106. ℞ Crabs Claws, Contra yerva both in fine Pouder, Ceruſe of Antimony, A. ʒ ij: Pearl, Coral both ſorts, whiteſt Amber, Crabs-Eys, Harts-horn, Cryſtal, all prepared by Levigation, A. ʒ ſs: Weſtern Bezoar, Lemnian Earth, Cochinel, A. ʒ ſs: Ambergriſe ʒ ſs: Musk ʒ ſs: make all into ſubtile pouder, which form into little round Balls with Gelly of Vipers-skins. Doſe ℈ j *ad* ʒ j: This is Dr *Willis's Bezoartic* pouder.

107. ℞ of the former Bezoartick Pouder ℈ j: pouder of Toads prepared: gr. vj: mix them, and give it in a ſpoonful of Treacle-water.

108. ℞ of the former Bezoartick pouder, ℈ i: extract of Treacle ʒ ſs to ʒ j: make a Bolus.

109. ℞ of the ſaid Bezoartick pouder ℈ j: Extract of Carduus ʒ ſs: Salt of Wormwood gr. xv. Syrup of Juyce of Citrons: q. s. make a *Bolus*.

110. ℞ of the ſaid Bezoartick Pouder ℈ j *ad* ʒ ſs: Mithridate ʒ ſs ad ʒ j: Syrup of juyce of Citrons, q. s. make a *Bolus*.

111. ℞ of our Bezoartick ſtone (hereafter to be taught, *viz.* at the end of the Sudorificks) ℈ j *ad* ʒ j: bruiſe it, and give it in Confect of Alkermes ʒ ij: or in Hippocraſs ʒ iij.

112. ℞ of our Bezoartick ſtone ℈ j *ad* ℈ ij: Mithridate ʒ ſs: mix and make a Bolus.

113. ℞ of our Bezoartick ſtone ℈ j *ad* ʒ j: Electuarium ad Tabidos, ʒ j: mix and make a *Bolus*.

IIII. *Sudorificks or Hydrotick's, which have for their Baſis a ſpirit.*

114. ℞ Hyppocrat ʒ iij: Spirit of Treacle camphorated ʒ ſs ad ʒ j or more: mix them.

115

115. ℞ Hyppocraſs ℥ iij: *mixtura ſimplex* ℥ j or ℥ iv mix them for a doſe.

116. ℞ Spirit of black Cherries, Hypocras, A. ℥i ſs: Treacle-water ℥ j, mix them.

117. ℞ Spirit of Juniper berries, Hippocras, A. ℥ jſs; Angelica water the greater compoſition ℥ j: *mixtura ſimplex* ℥ jſs: mix them.

118. ℞ Hyppocraſs ℥ iij: Tincture of Salt of Tartar ℈ j *ad* ℥ j: mix them.

119. ℞ Hyppocraſs ℥ iv: Tincture of Antimony ℥ ſs, *ad* ℥ j: Tinctura Vitæ ℥ j ſs: mix them.

120. ℞ *Aqua Epidemica* ℥ ij: Hypocraſs ℥ j ſs: Crollius his Treacle-water camphorated ℥ j ſs: mix them: 'tis a good thing.

121. ℞ Roots of Butterbur, of Valerian, A. ℥ij; Zedoary, Contrayerva, Virginian ſnake-root, A. ℥ i ſs; flowers of Butter-bur, M. iv; Saffron ℥ ij: cut, bruiſe, and affuſe thereon Canary ℔ jv; diſtil S. A. and let the whole Liquor be mixed. Doſe ℥ ij ad iij: In the Beak of the Alembick hang Saffron ℥ j ty'd up in a rag.

122. ℞ Roots of Angelica, of Imperatoria, A. ℥iv; Zedoary, Elecampane, Contrayerva, Gentian, leſſer Galangal, A. ℥ j: Tops of Carduus, Rue, Angelica, A. M. iij; middle Bark of Aſh ℥ vj; of the beſt Wine ℔ vj: Spirit of Vinegar ℔ ij: mix and diſtil S. A. doſe ℥ iij: Theſe ſpirituous Sudorificks are good for old People, cold and moiſt Conſtitutions, and ſuch as are obnoxious to the Palſy and Dropſy; but in Feaverish, hot, cholerick Conſtitutions, *&c.* They are naught.

V. *Sudorificks* or *Hydroticks*, *whoſe* Baſis *is a Sulphureous Matter*, *which are commonly given in a pituitous and frigid Conſtitution*, *thereby rarifying the Blood.*

123. ℞ Balſam of Peru, a gut. x *ad* ℈ j: Angelica or Bawm water ℥ iij: Bezoardick water ℥ ß or ℥ vi: or more: mix, and give it every morning for many days.

124. ℞ Balſam of Tolu, ℈ j: ſtrong Bezoar water or

or Angelica water, the greater Compolition, ʒ ij ſ: mix them, and give it every morning.

125. ℞ Opobalſamum gut. x. or xij: Bezoartick water ʒ j: mix, and give it many Mornings.

126. ℞ Tincture of the Balſam of Peru, or Tolu ʒ ij ſ: Spirit of Angelica the greater Compoſition ʒ ſs: Syrup of Corn-poppies ʒ vj: mix and add thereto Hyppocraſs ʒ iij.

127. ℞ Reſin of Guajacum ʒ ij: Chymical Oyl of the ſame ℈ j: Bezoar mineral, Gum Guajacum, ā ʒ ij ſ: Balſam of Peru, q. s. make a Maſs for Pills. Doſe ʒ ſs ad ʒ j: drinking after it a doſe of ſome Sudorifick water or Decoction. *Wilis.*

128. ℞ Balſam of Peru ʒ ſs *ad* ʒ j: Spirit of Hartſhorn ℥ j *ad* ʒ iij: mix and add thereto Bezoartick water ʒ j: Hypocras ʒ ij.

129. ℞ Balſam of Tolu ʒ ſs *ad* ʒ j: Spirit of Soot, ā gut xvj *ad* ʒ ſs or more; mix and add Angelica water the greater Compoſition ʒ ij or iij.

130. ℞ Balſam of Peru ʒ ſs *ad* ʒ j: Spirit or rather Powers of Amber ℈ j *ad* ʒ ij or more: Angelica water aforeſaid ʒ iij: mix them.

VI. *Sudoriſicks* or *Hydrotickes, whoſe Baſis is an acid Salt, which are given when the Maſs of blood is too much ſtirr'd up or bound too faſt by ſaline fixed Particles, combined with Sulphureous and terreſtrial, whereby its ſeroſities are not eaſy to be ſent away by Sweat, as in continual Feavers, Scurvy, &c. where this Acid meeting with the ſaid fixed Salt in the Body, diſſolves the Combinations, and ſo unlocks the fermenting Blood, diſpoſing it to an* Ephidroſis or Sweating.

131. ℞ Angelica water the greater Compoſition ʒ ij: Tinctura diaphoretica Mynſichti ʒ iij: Spirit of Tartar ʒ ſs to ʒ j: flowers of Sal Armoniack ʒ ſs: mix them.

132. ℞ Sudorifick water ʒ iij: Spirit of Tartar ʒ ij.

flowers of Sal Armoniack ℥ j. mix them.

133. ℞ Aqua Bezoartica, Prophylactick water of Sylvius A. ℥ ſs: Mixtura ſimplex ℥ ß: mix them.

134. ℞ Aqua Epidemica ℥ iiſs: Tinctura Diaphoretica Paracelſi ℥ ſs: Volatile Sal Armoniack ℥ ß: Syrup of Clove Gilliflowers ℥ vi: mix them.

135. ℞ *Aqua Theriacalis* ℥ j ß: Tinctura Peſtiſera ℥ j: Tinctura Diaphoretic. Mynſichti ℥ ij: Bezoartick Vinegar ℥ iij: Syrup of Juyce of Citrons ℥ j: mix them.

136. ℞ Carduus water ℥ ij: *Aqua Epidemica* ℥ i: Bezoartick Vinegar ℥ vj: mix them.

137. ℞ of *Aqua Imperialis Tinctura Peſtifera A.* ℥ j ſimple mixture ℥ j: Syrup of Juyce of Citrons ℥ ß: mix them.

138. ℞ Treacle-water ℥ ij: Bezoartick Vinegar ℥ j: Mithridate ℥ ij: choiſe Hypocras ℥ iij: mix them, and give it: 'tis an excellent Doſe.

VII. *Sudorifick* or *Hydrotick*, *whoſe* Baſis *is a fixt or Volatile Salt, which may be given to ſuch whoſe Blood abounds in a Serous humor, degenerating into a Sowrneſs, as in a Dropſie, Cacochymia, and Convulſive affections: for, theſe Salts meeting with the acid, ſaline Particles of the humors, and combining with them, unlock the joynting together of the Blood, and by their Heterogenity agitate its Maſs, whereby its Seroſities are the more eaſily ſeparated in Sweating.*

139. ℞ *Aqua Epidemica* ij: Syrup of Clove-gilliflowers ℥ i: Spirit of Hartshorn ℥ j to ℥ ß: mix them.

140. ℞ Bezoartick water ℥ ij: Syrup of Citron-Peels ℥ j: Spirit of Soot, *gut.* xiv: mix them.

141. ℞ Tincture of Juniper berries, Hypocras, *A.* ℥ iß: Spirit of Sal Armoniack *gut.* viij, x or xij *ad* xv. Syrup of Citron-Peels. ℥ vj: mix them.

142. ℞ Crollius his Treacle water ℥ ij: Hypocras ℥ iv:

℥ iv: Salt of Tartar gr. xv. flowers of Sal Armoniack ℈ß: mix them for a draught.

143. ℞ Scordium water compound: Butter-bur water compound A. ℥ j ß: Syrup of juyce of Sage ℥ j: Powers of Amber, Volatile Salt of Amber A. ℈ ß: mix them.

144. ℞ Ceruse of Antimony ℈ j: Salt of Tartar gr. xij: Volatile Salt of Amber gr. viij, mix.

145. ℞ Bezoartick pouder (at Sect. 106. aforegoing) ℈j volatile Salt of Amber, flowers of Sal Armoniack A. ℈ß: mix, and give it in a spoonful of Bezoartick water.

146. ℞ Pouder of Crabs-Claws compound, Bezoar mineral, A. ℈ j to ℥ß: mix and give it as the former.

147. ℞ Ceruse of Antimony ℈j or ℥ß: flowers of Sal Armoniack, Salt of Amber A. gr. viij: mix.

148. ℞ Mithridate ℥j: volatile Salt of Amber gr. viij Bezoar Mineral gr. xvj: make a *Bolus*.

149. ℞ Diascordium ℥j: Bezoar mineral ℈j: flowers of Sal Armoniack, Volatile Salt of Amber, A. gr. iv, mix, and make a Bolus.

150. ℞ Extract of Carduus ℥ß: Bezoar mineral, Salt of Tartar A. ℈ß: mix them.

151. ℞ Venice Treacle ℥ß of our Bezoartick stone ℈j: Salt of Harts-horn ℈ß: mix them.

152. ℞ Extract of Gentian ℥ß: of our Bezoartick stone ℈j: Salt of Amber ℈ß: mix them.

VIII. *Sudorificks* or *Hydroticks, whose* Basis *is a nitrous Salt, which may be given in the same Cases with the former, for that they destroy the Power of the acid Salt, and so dispose the Mass of Blood, that whilst it ferments, its* Serum *and Excrements may be the more easily separated and sent away.*

153. ℞ Sal prunellæ ß: Viper pouder ℈j; flowers of Sal Armoniack, volatile Salt of Amber, A. ℈ß:

℈ß: mix them, and give it in a ſpoonful of Plague-water

154. ℞ Sal prunellæ ℈ij: Salt of Harts-hord, gr. xii, or xv. mix, and give as the former.

155. ℞ Sal prunellæ ʒß: Salt of Vipers, gr. x or xij: mix, and give as the former.

156 ℞ Sal prunellæ ʒß: Salt of Harts-horn, Volatile Salt of Amber, A. gr. viii: mix them.

157. ℞ Sal prunellæ ℈ ij: Salt of Soot, volatile Salt Armoniack, A. gr. xij: mix them.

158. ℞ Sal prunellæ ʒß: Bezoar minerale ℈ j: flowers of Sal Armoniack, gr. vj: mix them.

159. ℞ Sal Prunellæ ʒß: Ceruſe of Antimony ℈ j: volatile Salt of Amber, ℈ß: mix them.

160. ℞ Mithridate ʒ j: Sal prunellæ gr. xxv. Volatile Salt of Amber gr. xij: mix them.

161. ℞ Venice Treacle ʒſs: Sal Prunellæ ℈ j: flowers of Sal Armoniack gr. xv. mix.

162. ℞ Diaſcordium ʒj: Sal prunellæ ʒſs: Salt of Harts-horn, gr. xij: mix them.

163: ℞ Diaſcordium, Venice Treacle, A. ʒ jſs: of our Bezoartick ſtone ʒvj: Confectio Alkermes Chymica ʒiij: Electuarium ad Tabidos, Salt of Vipers A. ʒj mix them well together: doſe ℈ j: ad ʒſs: in a glaſs of Hyppocraſs.

IX. *The Compoſition of* Lapis Bezoarticus noſter, *or*, Our Bezoartick Stone, *aforementioned, which is two-fold.*

Firſt, For the Ordinary ſort of People.

164. ℞ *Terræ ſigillatæ, Viper powder, A* ʒviij. *Extractum Bezoarticum dryed,* ʒv. ℈j. *dryed Extracts of Contrayerva, of Virginian Snake-root, of Spickenard, of Cloves, of Opium, Magiſtery of Pearls, Magiſtery of Coral, Grains of Kermes, A.* ʒiv. *Volatile Salt of Amber, Aurum Moſaicum, Saffron, Cochinel, Ambergriſe, Muſk, Oriental Bezoar,*

zoar, *Mineral Bezoar*, *a.* ℥ij ℈s ℈s. *Red Diaphoretick Mercury*, ℥ij ℈s, gr. xij. *Solar Bezoar*, *Camphir*, *a.* ℥j ℈j. *Purple Calx of Gold* ℈ij ℈s. *Oyl of Cinnamon* ℈ij. *The ingredients being in fine Pouder mix them; and with Gelly of Vipers Skins* q. s. *make a Maß, which Work exceeding well together, and make it up into little Oval Balls like small Eggs, weighing about* ℥ij *or* ℥iij. *a piece; then dry them in a shady place, till they become hard like Stones.*

In this Compoſition (ſetting aſide the Gelly of Viper Skins) there is about ℥x. gr. ij. in Weight; containing about 192 Doſes; ſo that each Doſe weighs about gr. xv. and contains in it of *Opium* about gr. 1. $\frac{1}{4}$. And ℈j of the *Compoſitum* contains juſt gr. j. of *Opium*; of the *Perfumes*, about one grain, and a third part of a Grain: of the *Diaphoretick Mercury*, about $\frac{1}{12}$. or almoſt half a Grain: and of the *Solar Bezoar*, and of the *Camphir*, of each about the third part of a Grain: and of the *Purple Calx of Gold*, about the fifth part of a Grain, or ſomwhat more. Notwithſtanding all which Proportions, the Medicament has a very great Efficacy; and is alſo very Dear: but in a full Doſe thoſe Proportions are ſomewhat larger; and after it is made up with the Gelly may be given à gr. xv. *ad* ℈ſs. and in ſtrong Bodies to ℈ij: it Sweats powerfully. Now here is to be underſtood (as in all other the like Caſes) That many ſmall or minute things, of themſelves inconſiderable, being conjoyned, may make one great thing; and that of mighty force. This is moſt apparent and demonſtrable in Gun-pouder, ſo much as will diſcharge a Musker, has a mighty intrinſick force in it ſelf; yet the particulars being unconjoyned, are very ſmall things, and of almoſt inconſiderable worth: the ſame underſtand of this Our Medicament.

Secondly,

Secondly, For the Gentry and Nobility, which for distinction sake, We call, *Bezoarticum Regale Nostrum*, Our Royal Bezoartick.

165. ℞ *Solar Bezoar*, *Purple Calx of Gold*, *A.* ℥viij. *Ambergrise*, *Musk*, *Viper-powder*, *A.* ℥vj. *Red Diaphoretick Mercury*, *Camphir*, *Oriental Bezoar*, *Bezoar Minerale*, *Saffron*, *Cochinele*, *Volatile Salt of Amber*, *dry extract of Thebian Opium*, *A.* ℥iv: *Grains of Kermes*, *Extractum Bezoarticum dryed*, *dryed Extracts of Contrayerva*, *Virginian Snakeroot*, *of Spicknard*, *of Cloves*, *Oyl of Cinnamon*, *A.* ℥ii: *Aurum Mosaicum*, *Terra Sigillata*, *A.* ℥j: *The ingredients being in fine Powder*, *with Gelly of Vipers Skins*, *q. s. make a Mass*, *which work exceeding well together*, *and make it up into little Oval Balls like small Pigeons Eggs*, *weighing about* ℥ij. *a piece: dry them in a shady place*, *till they become hard like Stones*. *If you add to the Mass fine leaf Gold in Pouder* ℥iv. *the Medicament will be both more Glorious*, *and more Virtuous*.

The whole of this *Compositum* (setting aside the Gelly of Vipers Skins) is ℥x. ℥iij. ℈ij. of which the *Greatest Dose* is 25 Grains, so that in all there is just 200 Doses. In each Dose of which there is contained, of the *Solar Bezoar*, and *Purple Calx of Gold*, of each, almost gr. j. ⅓: or about 2 ⅓ grains: of the *Perfumes* and *Viper Pouder*, of each almost one Grain and 3 quarters, or, 1 $\frac{41}{32}$. grains: of the *Diaphoretick Mercury*, *Camphir*, and *Thebian Opium*, *&c.* of each almost a grain and a quarter, or about gr. 1 $\frac{1}{32}$. by which it may appear, That this much exceeds the former in Power and Vertue. After it is made up with the Gelly, it may be given à gr. x. *ad* xxx. nearly either in a *Bolus*, or in some proper Vehicle, as the Sick likes best: It is a great Medicine, and almost of Infinite Virtues. Given in the largest Dose it provokes Sweat powerfully, and expels a mann-

manner of Poyſon and Malignity from the Heart, whether it proceeds from the Biting or Stinging of any Venomous or Poyſonous Creature; Or, from the Contagion of any Epidemick or Malignant Diſeaſe, as the Meaſles, Small-Pox, Calenture, Sweating-Sickneſs, malign Feavers, and Plague it ſelf. It mightily ſtrengthens the Heart, revives all the Spirits, Natural, Vital, and Animal, and fortifies the whole intire Man to a Wonder: it is extream good againſt melancholy, melts frigid, clammy, and viſcous humors, and thereby opens obſtructions, prevails againſt affects of the Spleen, and Hypochonders, and diſcontent of Mind; it is a ſingular good thing againſt the Scurvy, whether in a hot or cold Conſtitution, as alſo againſt the Leproſy, taking away Scabs, Scurff, Itch, Tetters, Ringworms, Morphew, Boyls, *&c.* by looſening the too ſtrickt joynting of the Blood from a Combination of acid or fixt Salts, with Sulphurous Particles, whereby cauſing a new Fermentation, it ſeparates the Recrements and Impurities thereof through the Pores of the Skin, and ſweetens it. It is a moſt excellent thing in all Burning, Continent, or Continual Feavers, for it interſers immediately with their original Cauſe. It deſtroys the very Eſſence of Venoms, gives reſt and eaſe, and takes away all manner of pains in any part of the Body. It is good againſt Catarrhs, and ſtops all ſorts of Diſtillations (whether thin, ſharp, or ſalt) falling from the Head upon the Throat and *Aſperia Arteria*: It helps vehement Coughs, expectorates, quenches Thirſt, cools Inflamations, eaſes the moſt acute pains, as thoſe of the Cholick, Stone, Pleuriſy, Gout, *&c.* and is good in all Fluxes of the Bowels, Womb, *&c.* It is emineht againſt Palpitations, Swooning, Trembling, and other Paſſions of the Heart, ſickneſs of the Stomach, Wind, want of Appetite and Indigeſtion: It is good againſt Gravel, Slime, or any thing making a Stoppage

page of the Urine, whether in the Reins or Bladder; it provokes Urine, takes away the heat and sharpness thereof, cures the Disuria, Ischuria and Stranguria, and is profitable for such as are troubled with Weaknesses, or languish under Hecticks, Consumptions, Poyson, &c. You may give it in a Bolus, made with a Conserve of Red Roses, or of Wood-Sorrel, and Drink after it a Glass of Tent, Alicant, or Canary. It is a specifick almost in all Diseases, which may befal the Head, Brain, or Nerves, for that it miraculously strengthens those parts, and recreates the Animal Spirits. It is also profitable for Women in Labour, for it expels both Birth and After-birth; and after Delivery, it stupendiously takes away all the After-pains. Both the Prescripts have like Virtues, but the latter is the more effectual by many degrees.

Examples in Compounding Diureticks.

All the matter of all sorts of Solutions and Precipitations depends only upon the affections of Salts. And as the Blood and Humors abound very much in Salt, and are wont to be variously changed by it from one state to another, causing a sickly disposition; so there will be always need of great Discretion and Judgment in the Physician, to administer such Saline Diureticks, whose Particles may sufficiently differ from those in Our Bodies, whereby Health may be recovered again. The which by what means this may be done, we shall the easilier judge by running over the Diuretick Salts of every kind.

I. Diureticks *whose* Basis *is an Alcalisate Salt.*

It is evident that Alchalizate Salts do sometimes move Urine. For in great stoppages of the Water, Powder of Egg-shells,

shells, or of Crabs Claws or Eyes, have to some been a present Remedy. *The reason of which is this, For that they do not fuse or scatter, nor sensibly præcipitate the Blood. Hence it appears, That these kinds of Salts, are to be given in an Acetous Discrasy of the Blood and Humors; for that they bind up the acid Salts by their Combination, freeing the Blood from Fluxions and Coagulations, that thereby it might be strengthened to retain its superfluous* Serum *to transfer it by the Emulgent Arteries to the Reins.*

166. ℞ Salt of Tartar ℈ss. Crabs Eyes levigated ℈j. mix them.

167. ℞ Gascoin Pouder ℥ss. Salt of Amber, Sal Prunellæ, A. ℈ij. Salt of Tartar, Nutmegs, A. ℈j. mix in a fine Pouder. Dose ℈j *ad* ℥ss.

168. ℞ Pearl and Coral lævigated, A. ℈ss *ad* j. Salt of Tartar ℈ss. mix them.

169. ℞ Egg-shell levigated ℈j *ad* ij. Salt of Tartar ℈ss. mix them.

170. ℞ Pouder of Crabs-Claws Compound gr. xij. *ad* xviij. Salt of Eggshells gr. vj, *ad* x. Cloves gr. ij. mix them.

171. ℞ Calx of Eggshells ℥ss. Gascoin Pouder ℈j. Eggshell lævigated ℈ss. Salt of Tartar gr. vj. Nutmegs, Cloves, A. gr. ij. all being in fine Pouder, make them into Pills with Venice Turpentine for a Dose.

172. ℞ Egg-shels lævigated ℥ss. Salt of Broom ℈j. make a *Bolus* with Turpentine.

II. Diureticks *whose* Basis *is a Volatile Salt.*

These are commonly used to provoke Urine in a sharp Discrasy of the Blood, for that their Particles being admitted into the Blood do destroy the Potency of the fluid Salt therein, whereby the Blood recovering a due mixture is freed from Coagulations, and sucks up again into it self whatsoever of the Serum *is gone forth of the Vessels, and delivers the superfluous to the Reins, &c. These have*

Par-

Particles fierce and elastick, so that in amending the evil disposition of the Blood; they sometimes dispose the superfluous Serum *to be taken away by* Diaphoresis, *or Sweat, as well as by a* Diuresis, *or purging by Urine. To this Class is belongs the Volatile Salt of Animals and Minerals made by Distillation; as also the integral parts of the living Creatures and Vegetables, as Vipers, Bees, Millepedes, Graß-hoppers, Cantharides, Earthworms, &c. Mustard-seed, Scurvy-graß, Horse-Radish, Cresses of all sorts, Crow-foot, Onions, Garlick, Leeks, Chervil, Parsley, Alexanders, &c.*

173. ℞ Roots of Fennel, Parsly, Smallage, Chervil, Eringo, Rest-harrow, A. ℥j: Onions, Garlick, Leeks, *A.* ℥ij ß: leaves of Saxifrage M. j: Stone Crop M. ß: Parsly and Carraway-seeds, A. ℥ß: Juniper-berries ℥j: Spring-water ℔iv or v: boyl till almost half is consumed: strain, and add Rhenish Wine ℔j: choise Honey, or Syrup of Marsh-Mallows, ℥iiß: Dose ℥iv, vj, or viij. twice a day.

174. ℞ Onions, Leeks, Garlick, very thin sliced or bruised, A. ℥ß: Rhenish or White Wine ℔ij: Infuse 12 or 24 hours, then strain, and give the Sick of the Liquor ℥ii, iii, or iv: three or four times or oftner in a day.

175. ℞ living Millepedes N° 50, or 60. or more, bruise them: Nutmegs bruised ℈j: Cloves gr. iij: Rhenish Wine, Arsmart-water, A. ℥ijß: digest 6 or 12 hours, then strain out, and gives it for a draught.

176. ℞ Onions ℥ij: leaves of Parsly, Chervil, Alexanders, A. M. ij: bruise them all well: affuse White or Rhenish Wine ℔ijß: digest 6 or 12 hours, then strain, and squeeze forth hard: Dose ℥iii, iv: or more, twice a day.

177. ℞ rectified S. V. ℔ij. Pouder of dryed Millepedes, or Bees, or Graß-hoppers, or of Cantharides, ℥j or ℥ij: Dose gut. x, xv, to xx, or xxv. in a fit Vehicle.

178. ℞ Tincture of Salt of Tartar, Tincture of Millepedes, ana gut. xv, mix them, and

and give it in a glaſs of Canary or Cinnamon water.

179. ℞ living Hoglice ℔ ii ſs: leaves of Creſſes, Chervile, Saxifrage, Parſly, Hydropiper, Golden-rod, *ana*, M. ij: Horſ-radiſh-roots ℥ vi Muſtard ſeed ℥ iv: Onions, Garlick A. ℥ iij; Juniper-berries, wild Carotſeed, Rocket ſeed, A. ℥ ii; Cardamums, Nutmegs, A. ℥ j: cut and bruiſe what are to be cut and bruiſed, and affuſe thereupon Whey (made of Milk with White-wine) ℔ xii: diſtil, and let the whole liquor (being diſtilled together) be mixt together: doſe ℥ iv: 2, 3, or 4 times a day.

180. ℞ Bees dryed, Millepedes dryed A. ℥ j: Lovage ſeeds ʒ vj: Volatile Salt of Amber ʒ iij: make a ſubtile Pouder, and mix them together: Doſe ℈ j ad ʒ ſs: in white or Rheniſh wine, or Cinnamon-water.

181. ℞ Juniper-water ℥ iij: Hydropiper water ℥ ij: Onion water, Radiſh water compound, A. ℥ j: Spirit of Tartar ℈ jv ad ʒ ij ſs: mix for two draughts.

182. ℞ Juniper and Onion water *A.* ℥ ij: Radiſh-water compound, Saxifrage and Camomil water, *A.* ℥ j: Spirit of Urine or Soot ℈ ij *ad* ʒ j: mix for 2 draughts.

183. ℞ Volatile Salt of Amber ʒ ij: Sal prunellæ ʒ j ſs: Salt of Millepedes *A.* ʒ ſs: mix for a pouder: doſe ℈ i *ad* gr. xxv. or ʒ ſs: in a proper Vehicle.

184. ℞ Volatile Salt of Amber ʒ ij: pouder of dri'd Bees and Millepedes *A.* ʒ j: mix them. Doſe ℈ j ad ʒ ſs: in white or Rheniſh wine.

185. ℞ Volatile Salt of Amber, flowers of Sal Armoniack, *A.* ʒ ij: Sal prunellæ, pouder of dry'd Bees or Millepedes, *A.* ʒ j: mix them, Doſe ℈ j *ad* ʒ j ſs.

186. ℞ Millepedes prepared, ʒ ij: flowers of Sal Armoniack, ſalt of Amber, Nutmegs in pouder *A.* ʒ ſs: Venice Turpentine q. s. mix and make pills for 7. or 10 doſes.

187. ℞ Pouder of Millepedes, Burdock ſeed, *A.* ʒ j ſs: Salt of Amber, Volatile Sal Armoniack, *A.* ʒ ſs: Salt of Vipers, Oyl of Nutmegs, A. ℈ ſs: Balſam Capivi, q. s.

mix and make Pills for 8 or 10 doſes, to be taken morning and Evening.

188. ℞ Volatile Salts of Millepedes, of Vipers, of Urine, *A.* gr. vij *ad* jx: mix them.

III. Diureticks *whoſe* Baſis *is a fixed Salt, or Lixivial.*

Theſe are commonly given to move Urin in ſuch as have Dropſies, chiefly in an Anaſarca, and in an Aſcites: So a Lixivium made of the Aſhes of Wormwood, or Broom or Bean-ſtalks in Water, or Whitewine, and given cauſes a plentiful flux of Urine, whereby thoſe diſeaſes are oftentimes taken away: but this has not ſucceeded in all perſons, for, in ſome, we have found upon the taking of theſe things, an Aſcitis to have been increaſed, the reaſon we have in another place in part declared: however it is certain, That the Lixivial Salts do not fuſe nor precipitate either Milk or Blood, and therefore they are not by their proper Virtue diuretick, but ſeem to be influenced in that kind only when they meet with a mighty Acid or Coagulative Salt in the Blood, where by encountring and deſtroying its Energy, it cauſes the Blood (fuſed by the acid, and ſo made unable to hold its Serum) to ſuck up the ſaid extravaſed ſerofities, and ſo to recover its due Conſiſtency, by which continually carrying it to the Reins there is made a large Evacuation by Urine.

189. ℞ Vine aſhes ℥ vj: white or Rheniſh wine ℔ ijſs: Nutmegs bruiſed ʒ ij ſs: infuſe cloſe & warm 24 hours, then ſtrain: doſe ℥ vj: twice or thrice a day.

190. ℞ Rheniſh Wine ℥ xxjv: Salts of Tartar, of Wormwood, of Peaſe-ſtraw *A.* ʒ ſs: mix, and ſweeten with Syrup of Marſh-mallows ℥ iij, for iiij doſes.

191. ℞ White-wine ℥ xxjv Salt of Broom, Salt of Vine branches, *A.* ʒ ij: mix.

192. ℞ Spring-water ℥ xxj

xxjv: Salt of Broom, Salt of Bean-ſtalks, *A.* ℈ij ſs: mix and ſweeten with Syrup of *Althæa*, for jv doſes.

193. ℞ Infuſion of large Thomas Onions fliced ℥xvj: (made in Water or Wine) Salt of Tartar, Salt of Broom *A.* ℈ ij: mix, and ſweeten as aforeſaid for jv doſes.

194. ℞ Infuſion of Muſtard-ſeed made in White-wine ℥ vj: Tincture of Salt of Tartar ʒj *ad* ʒjſs: mix for a draught to be taken twice a day.

195. ℞ Water of Quick-lime ℥ jv ad ℥ vj: Tincture of Salt of Tartar ʒj ad ʒjſs: mix for a doſe to be taken twice a day.

196. ℞ Infuſion of large Onions ſlic'd, or of Muſtard ſeed bruiſed, in white wine ℥xxx, in which quench flints 6, 8, or 10 times, of which drink ℥ vj twice a day.

197. ℞ Rhadiſh-water compound, water of Hydropiper, *A.* ℥ i ſs: Tincture of Salt of Tartar ʒj ad ʒjſs: Syrup of *Althæa* ʒ ij: mix them for a doſe.

198. ℞ Salts of Tartar, of Vine-branches, of Wormwood, of Broom, of Bean-ſtalks, *A.* ʒ ſs: Coral calcin'd white, ʒiſs: Salt of *Amber*, Nutmegs, *A.* ʒ ſs: make all into a pouder: doſe ʒ ſs ad ℈ jj, in white or Rheniſh Wine.

IV. Diureticks *whoſe* Baſis *is an Acid Salt.*

Acid Salts fuſe the Blood, and præcipitate it into Seroſities, even as ſharp or ſowr things do Milk, being dropt into it warm: but this happens not alike in every one, nor to every one indifferently. In a healthful habit, or what is near it, the blood is repleniſh'd with a Salt partly fixed, partly volatile, and partly nitrous: but in ſome ſcorbutical and hydropical Perſons, it is filled with a Salt chiefly fixed: In theſe Caſes Acid diureticks are given with Succeſs: But in other Scorbutical and hydropical perſons, as alſo in Catarrs and Rhumatiſms, where the

ſaid Salt of the Blood is only and wholy fixed, and the Volatile totally depreſſed, they are thought rather to do hurt; in this Caſe Medicines indued with a Volatile Salt are more proper. Among acid Diureticks, Spirits of Salt, of Niter, of Vitriol, of Sulphur; as alſo juyces of Citrons, of Limons, of Oranges of Sorrel, White and Rheniſh wine, Cider, Cremor Tartari and Tartar Vitriolate are Chief.

199. ℞ Arſmart Water, Water of Radiſhes Compound, *A.* ℥iſs: Parietary Water ℥iij: Oyl of Sulphur gut. xvj: ſalt of Tartar gr. xii: ſyrup of Vinegar ℥vi: mix them.

200. ℞ Water of hot Arſmart, White Wine, A. ℥iiii: Juyce of Sorrel ℥iſs: Juyce of Limons ℥ſs: mix them for a draught.

201. ℞ ſpring-water ℥vi: Oyl of Vitriol gut. vj *ad* x, xij: or more, as the Patient likes it in ſowrneſs; ſtir it well (becauſe the Oyl is apt to ſettle) and give it for a draught.

202. ℞ ſpring Water ℥vi: Oyl of Sulphur gut. viii *ad* xii or xvi: Syrup of Clove-gilliflowers ℥ſs: mix them for a draught.

203. ℞ Cinnamon Water ℥iſs: Oyl of Sulphur gut. vj or x: mix them well.

204. ℞ Spring-water, Cinnamon-water, A. ℥ii: Oyl of Salt gut. iiii *ad* vj: mix.

205. ℞ Juyce of Limons ℥ii: Radiſh-water Compound ℥iſs: Syrup of the five opening roots ℥ſs: mix, and make a Potion.

206. ℞ Juyce of Limons, of Citrons, and of Sorrel, A. ℥iſs: Arſmart water, water of Radiſhes Compound, A. ℥iv: White Wine ℥vi: Oyl of Sulphur gut. xvi: ſyrup of Clove-gilliflowers ℥ijſs: mix for four Doſes.

207. ℞ Cremor Tartari, Sal Prunellæ (in fine pouder) A. ℥iſs: Pouder of Crabs-Eyes, or Claws ℥i: Salt of Amber ℈i: Tartar Vitriolate ℈ſs: mix into a fine Pouder. Doſe ℥ſs *ad* ℈ii, in a fit Vehicle.

208.

208. ℞ Tartar Vitriolated ℥ii: Pouder of Egg ſhels ℥iſs: Cremor Tartari, Daucus-ſeed, A. ℥ſs: make a fine Pouder. Doſe ℥ſs *ad* ℈ii.

209. ℞ ſpirit of Salt ℥ii: Harts-horn burnt and poudred, ſo much as may drink it up, and make a Pouder: Doſe ℈i *ad* ℥ſs. in a fit Vehicle.

210. ℞ Oyl of Vitriol or Sulphur ℥ſs: Hartshorn calcined, as aforeſaid, q. s. mix and make a Pouder, with which mix Nutmegs in Pouder ℥ij. Doſe ℈i *ad* ℥ſs.

V. Diuretick's *whoſe* Baſis *is a Nitrous Salt.*

Niter is a Salt, which is neither acid, nor fixed, nor volatile, having a kind as it were of Neutral Property, or a middle or a central State between them. So much it has of a Volatile, as being melted and inflamed by Sulphur caſt in, it will by and by, or in no longer time fly away. So much it has of a fixed, as being melted in a Crucible, that it will ſuffer a continual Fuſion, and perhaps perpetual, without any great loſs of Particles. And ſo much it has of an acid, as being diſtilled (its ſpirit being rather flame than vapour) comes acid into the Receiver. Niter is the flame whereby all ſublinary Fire is enkindled and ſuſtained, that by which all Plants do grow and flouriſh, and by which all living Creatures live and breath. It cools the Blood notably, and as ſtrongly moves Urine, yet all its Particles are ſo far from being cold, that on the contrary nothing can be more igniferous, this is a Parodox *whoſe reaſon out to be ſought out, the which we ſhall do in ſome other place, we cannot attend it here. However it is clear, that Niter has Relation both to a fixed and volatile Salt; for it, being put into Milk, will even (as fixed and volatile Salts) keep it from, or take way its Coagulation: in like manner being put into warm Blood, it will preſerve it (as well as they) from Coagulation, and*

diſcoloration: from whence we conclude, that the Particles of Niter being taken inwardly, may keep, or reſtore the juſt mixtion of the Blood, for that they hinder its Fuſions and Coagulations, by making the flame of the Blood to burn more pure and clear, and freeing it from troubleſome, heterogenous ſulphurous Fumes, and ſuffocating Vapours, ſo that being more looſe from its cloſe joyntings, its Serum is the more eaſily extricated from it, in the emulgent Arteries, and ſo ſent away by the Reins through the Urinary paſſages.

211. ℞ Sal Prunellæ ℥ſs *ad* ℑii or ℥i: White Wine ℥viij: Syrup of Pellitory of the Wall ℥iſs: mix for a doſe: 'tis an admirable thing in a Dropſy, and in all ſtoppages of Urine.

212. ℞ Sal Prunellæ ℥ſs *ad* ℥i; Spring Water ℥iiii: Syrup of Pellitory ℥i: mix.

213. ℞ Sal Prunellæ ℥ſs *ad* ℥i; Infuſions of Onions ſliced in White or Rheniſh Wine ℥vj: Syrup of Pellitory of the Wall, or of Marſh-Mallows ℥iſs: mix for a Doſe.

214. ℞ Sal Prunellæ ℥ſs *ad* ℥i: Salt of Amber ℑſs: White Wine ℥iiii *ad* ℥vi: Syrup of Pellitory of the Wall ℥i: mix for a Doſe.

215. ℞ Sal Prunellæ ℑj *ad* ij: Salt of Amber ℑſs *ad* j: Saffron gr. v: White or Rheniſh Wine q. s. mix for a Doſe, and ſweeten them well with Syrup of Pellitory of the Wall.

216. ℞ Sal Prunellæ ℥iii: Salt of Amber ℥ii: Salt of Wormwood ℥ſs: mix them: Doſe ℥ſs: thrice a Day in White or Rheniſh Wine, ſweetned with Syrup of Pellitory.

217. ℞ Sal Prunellæ, Crabs Eyes lævigated, Salt of Wormwood, *Ā.* ℥ij: Mithridate ℥i: mix them. Doſe ℥i or ℑiiii. thrice a day.

218. ℞ Sal Prunellæ, White Sugar, Ā. ℥i: White Wine ℥jx: mix, and give it at three times, *viz.* at Morning, Noon, and Night.

219. ℞ Sal Prunellæ ℥i; flowers of Sal Armoniack ℑii;

℥ii: White Wine ℥xij: Syrup of Pellitory of the Wall ℥iii: mix for three Doſes to be taken, Morning, Noon and Night.

220. ℞ Sal Prunellæ ℥ſs: Volatile Salt of Hartshorn gr. xv: Infuſion of Onions ſliced in White or Rheniſh Wine ℥vij: Syrup of Pellitory of the Wall ℥ii: mix it for a Doſe, to be given in the Morning faſting.

VI. Diureticks *whoſe* Baſis *is ſulpherous or ſpirituous.*

Of this kind there are ſeveral; ſome of which are Reſinous: *as Turpentine, Balſams of Peru, Tolu, Gilead, and Preparations out of them. Some* Oleaginous; *as Oyls of Juniper-berries, Carraways, of Nutmegs, of Wax, and drops of other Fat things, moſt of which being taken inwardly, cauſe the Urine to ſmell like Violets. Some* Spirituous; *as Spirit of Wine, Spirit of Juniper berries, Radiſh Water Compound, with many other hot Waters; yea and ſtrong Wines drank plentifully, which in Hydropick and cold Scorbutick people happily produce a* Diureſis. *The cauſe is from the Sowrneſs of the Blood, its want of Spirits, defect of Fermentation, or ſtrength of the acid and coagulative Salt, whereby the Blood is ſo weakned as not to perform well its Circulation, nor to contain within it ſelf its ſuperfluous Seroſities, till it can carry them to the Reins; which defects, all the aforenamed Remedies take away, by heating, and enlivening the Blood, and reſtoring its weakneſs by adding ſpirits thereto, whereby it is able to keep its whole mixtion intire, ſo that ariving perfect by the Emulgent Arteries, it lets go its* Serum, *and ſo provokes a plentiful and pleaſant* Diureſis.

221: ℞ S.V. ℔viij: large Onions bruiſes, Garlick bruiſed, A. ℔j.: Muſtard-ſeed ℥iiii: mix and diſtil to dryneſs.

neſs. Doſe ℥ij, twice or thrice a day.

222. ℞ S.V. ℔iiii: large Onions, Juniper-berries both bruiſed, A. ℔ſs: Nutmegs ℥iiij: bruiſe them well, mix and diſtil in a Copper Viſica to dryneſs. Doſe ℥jſs. twice a day.

223. ℞ Millepedes prepared ℥ſs: Nutmegs ℥ii: Tincture of Salt of Tartar, ſubtil or æthérial ſpirit of Turpentine, A. ℥vi: diſtil in B.M. with a gentle fire; ſo have you a Spirit and Oyl, as alſo a *deliquium* of Salt of Tartar: each of which have a notable diuretick power.

224. ℞ Juniper-berries gently and throughly dryed in an Oven, and reduced into a groſs Pouder ℔i: S.V. rectified, ſo as it may fire Gun-pouder ℔iijſs: digeſt cold three or four days, then diſtil in B.M. to dryneſs. Doſe ℥ij, iij, or iiij; in White, Rheniſh Wine or Canary, two or three times a day.

225. ℞ Ivy, Juniper and Bay-berries, freſh gather'd, A. ℔ſs: Wild Carrot-ſeed ℥iv: Nutmegs ℥ij: bruiſe all, and put them into a glaſs Retort, upon which affuſe S.V. rectified ℔iiii: and adding thereto the beſt Venice Turpentine ℔i: let them be diſtilled in a Sand Furnace with a gentle heat (*in my opinion a gentle* B.M. *would be better,*) having a care of an *Empyruma*; ſo have you a Spirit and yellow Oyl, both egregiouſly Diuretick. Doſe of the Spirit ℥i *ad* ii, or iii: of the Oyl ℈ſs *ad* ℈i: in a fit Vehicle. Dr. *Willis.*

226. ℞ the Magma of the former Preſcript, upon which affuſe Tincture of Salt of Tartar ℔i: digeſt many days in a Glaſs Veſſel cloſe ſhut in a Sand Furnace, that a red Tincture may be drawn forth. Doſe ℥i *ad* ii, or ℥i: in a convenient Vehicle.

227. ℞ Juniper-berries dryed very gently in an Oven, Winter-Cherries perfectly dry, both bruiſed, Millepedes prepared, A. ℥i: rectifyed S.V. ℔v: digeſt in a cool place for thirty days, ſhaking the glaſs 2 or 3 times a day: after let it ſettle three or four days, and decant the Tincture which keep for uſe. Doſe ℥i *ad* iii. in a fit Vehicle.

228.

228. ℞ Balſam of Peru or Tolu, Mithridate A. ℥ſ: mix into a Bolus.

229. ℞ Balſam of Peru ℈ii: Mithridate ℥ſ: Millepedes prepared in Pouder: mix and make a Bolus.

230. ℞ S.V. rectified ℔ii: Venice Turpentine, or Balſam of Peru, ℥iii: mix, and extract a ſtrong Tincture. Doſe ℥i *ad* iii: in any fit Vehicle.

231. ℞ ſpirit of Wine rectified ℔ii: Venice Turpentine ℥iii: Juniper-berries very gently dried and poudred ℥i: Winter-cherries ℥ſ: mix, digeſt twenty days, and extract a Tincture.

232. ℞ ſpirit of Wine rectified ℔iiſs: Juniper-berries poudred, Daucus-ſeed beaten, A. ℥ii: Nut-megs in Pouder ℥i: make a ſtrong Tincture by digeſtion. Doſe ℥i *ad* ii, or more.

233. ℞ Balſam of Tolu ℈i *ad* ℥i or ii: Millepedes in Pouder ℈ſs: mix them.

234. ℞ Venice Turpentine, Balſam of Peru, A. ℈i: Salts of Millepedes, and of Amber, A. ℈ſs: mix.

235. ℞ Venice Turpentine ℈ii: Oyl of Juniper-berries gut. x: Volatile Salt of Harts-horn gr. viii: Sugar ℥ii: mix all very well together for one Doſe.

Examples in Compounding of *Iſchureticks.*

I. *Iſchureticks which are ſaid to thicken the Blood.*

236. ℞ Blood of Comfrey ℥ſ: Lettice-water ℥iſs: Gum Tragacanth ℈ſ: diſſolve and make a Mucilage for one Doſe, to be taken Morning and Night ſweetned with white Sugar Candy, and that either alone, or diſſolved in Milk.

237. ℞ Cowſlip water ℥iii: Cinnamon Barley water ℥ii: diſſolve therein Cherry-tree, or Plum-tree Glew ℥i: for two Doſes.

238. ℞ Gum Tragacanth, Gum Arabick, both in fine Pouder: Sugar Penidies, white Sugar Candy each in fine Pouder ℥vi: mix them. Doſe ℥iſs *ad* ℥ii, twice a day in

in Lettice Water, or Water diſtilled from Milk, or in Milk mix with pure Well-Water.

239. ℞ Gum Tragacanth, Cherry-tree Gum, both in fine Pouder, *A.* ℥i: white Sugar Candy in fine pouder ℥ſs: mix to be taken as aforeſaid. Doſe ℥iſs: or more.

240. ℞ Ichthyocolla, or Iſing-glaſs, Comfrey-roots, both in fine pouder, *A.* ℥i: Lozenges of Sugar pearled ℥vi: mix them. Doſe ℥i to ℥ii.

241. ℞ Mucillages of Ichthyocolla, of Gum Tragacanth, *A.* ℥i: Syrup of Lettice ℥ii: mix for two Doſes to be given Morning and Night in Milk, diſtilled water, *&c.*

242. ℞ Gum Tragacanth, Maſtich, Olibanum, Amber, all in fine Pouder, *A.* ℥ſs: Sugar Penides ℥iſs: mix them: Doſe ℥iſs.

243. ℞ Olibanum, Maſtich, White Amber, all in fine pouder, *A.* ℥i: *Pulvis* Haly ℥ii: Balſam of Tolu ℥ſs: make a ſubtil pouder. Doſe ℥ſs, three or four times a day.

244. ℞ choiſe Rhubarb gr. xvi: Cinnamon gr. viii: make a pouder to be taken in the Morning faſting, for ſix, eight, or ten days.

245. ℞ Reſumptive Electuary ℥iii: Species of Diatragacanthon frigidum ℥i: red Coral lævigated ℥ii: Terra Sigillata, Confect of Hyacinths, *A.* ℥iſs: Gelly of Vipers fleſh, q. s. mix and make an Electuary: Doſe the quantity of a Wall-nut, three times a day.

246. ℞ of Decoction (made of Barley and Water-Lilly roots) ℔iſs: ſweet Almonds bruiſed ℥iſs: White Poppy-ſeeds ℥i: Seeds of Purſlane and Lettice, *A.* ℥ſs: make an Emulſion: Doſe ℥iii or iiii, thrice a day.

247. ℞ Water of Milk diſtilled ℔ii: ſweet Almonds, greater Cold ſeeds, *A.* ℥iſs: white Poppy-ſeeds ℥i: make an Emulſion. Doſe as the former.

248. ℞ Water of Milk diſtilled ℔i: Smiths Forge-water filterated, ℔ſs: Lettice and Purſlane water, Poppy-water, *A.* ℥iii: ſyrup of Lettice or Purſlane q. s. mix them

them. Doſe ℥iii or iv, four, five or ſix times a day.

249. ℞ Roots of Comfry, and of Water-Lillies, *A.* ℥iii: Dates ſliced ℥ii: ſeeds of Mallows, of Cotton, of Plantane, of Flea-wort, *A.* ℥ſs. Smiths Forge-water filtrated ℔iv: boyl till half is conſumed: ſtrain and add Syrup of Lettice ℥iv: Doſe ℥iv: thrice a day.

250. ℞ Cypreſs-tops M. vi: leaves of Clary, flowers of Archangel, of Comfrey, and of Water-Lillies, *A.* M. iiii: Roots of Water-Lillies, and of Comfrey bruiſed, *A.* ℔ſs: Mace ℥i: Cloves, Cinnamon, *A.* ℥ſs: let all be cut ſmall and bruiſed; affuſe thereon New Milk ℔xii: digeſt 12 hours, then diſtil to dryneſs, taking care that it Taſt not of Fire. Doſe ℥iv, thrice a day with the Pouders at ſect. 238, and 243, or the Electuary at Sect. 245. above.

II. *Iſchureticks endued with an Alchaliſate Salt.*

251. ℞ Terra Sigillata, red Coral, Cuttle-bone, all in ſubtil Pouder, *A.* ℥i: white Sugar Candy ℥iſs: make a fine Pouder: Doſe ℥ſs *ad* ℥i: thrice a day, in ſome convenient Vehicle.

252. ℞ Red Coral, Cuttle bone, *A.* ℥iiii: Hartshorn philoſophically calcined, ℥iii: Pearls, Ivory, Crabs-Eyes, *A.* ℥i: make a fine Pouder. Doſe ℥ſs, thrice a day.

253. ℞ Terra Sigillata, Pearl, Oyſter ſhells, Hartshorn calcined, *A.* ℥ſs: white Sugar Candy ℥vi: make a fine Pouder. Doſe ℥ſs *ad* ℥i: thrice a day in a fit Vehicle.

254. ℞ Ivory, Terra Sigillata ℥iii: Egg-ſhels, Oyſter-ſhells, *A.* ℥i: make a ſubtil pouder to be given 3 or 4 times a day in Confect of Alkermes.

255. ℞ of the former pouder ℥ſs: Poppy-ſeeds ℥iſs: make a pouder, which you may give in Syrup of Lettice or Purſlane. Doſe ℥ſs *ad* ℥ii.

256. ℞ of the pouder at ſect. 253. above, ℥iii: of the Species Diatragacanthon frigidum ℥ii: Sugar Candy ℥iſs:

℥iſs: white Poppy ſeeds ℥vi: make a fine Pouder, which form into Troches with Mucilage of Gum Tragacanth, weighing each ℥ſs: Doſe iii, three or four times a day.

257. ℞ of the ſame pouder at ſect. 253. ℥ii: Conſerve of Flowers of Water-Lillies ℥iii: Electuary Reſumptive ℥iv: with Syrup of Letttice q.s. make an Electuary. Doſe the quantity of a Cheſtnut thrice a day, drinking after it a draught of the Water at ſect. 250.

258. ℞ Terra Sigillata ℥ſs: Pulvis Haly ℥i: Conſerve of Red Roſes ℥iſs: with Syrup of Lettice q.s. make an Electuary to be taken ℥ſs, at a time, 3 times a day.

III. *Iſchuretick endued with a fixed Salt.*

259. ℞ Tincture of Salt of Tartar, or of its deliquium ℈i *ad* ℥ſs: diſtilled water of Milk, ℥iij: or new generous Canary ℥iſs: mix, and give it thrice a day.

260. ℞ Tincture of Antimony ℥i *ad* ℥jſs or more: of the deſtilled Water at ſect. 250. above ℥iij: mix them for a Doſe to be given three times a day.

261. ℞ Tincture of Salt of Tartar, Tincture of Antimony, *A.* ℈j *ad* ℥ſs: new Canary not yet fine ℥iv: mix, and give the ſame three or four times a day. New Canary alone (whilſt it is not yet fine) is Iſchuretical in ſome perſons to a wonder: I have known it cauſe a ſtoppage of Urine not eaſy to be removed; and therefore in a *Diabetes*, I often chuſe it for a Vehicle with good ſucceſs.

262. ℞ Salt of Coral ℈j: Aſhes of Hartshorn ℈ſs: give them in new Canary.

263. ℞ aſhes of Hartshorn ℥ſs: ſyrup of Lettice ℥i: mix them, drinking with them, of a moderate Lime-Water ℥iii or iiii, thrice a day.

264. ℞ of the pouder at ſect. 252. above ℥ſs: Conſerve of Red Roſes ℥i: mix and take it; drinking after it the Lime-water aforeſaid ℥iv: do it three times a day.

265.

265. ℞ Conserves of flowers of Archangel, of Comfry flowers, *A.* ℥iv: the reddest Crocus of Steel ℥ſs: Coral Calcined to Whiteneſs ℥ii: ſyrup of Comfry, q. s. mix them. Doſe ℥ii, three or four times a day.

266. ℞ reddeſt Crocus of Steel ℥i: Coral, calcined, to whiteneſs, Hartshorn calcin'd *A.* ℥ſs: Oyſter ſhells calcined gr. vj: Mithridate q. s. mix for a Doſe to be taken twice a day.

267. ℞ Red Crocus of Steel, Coral calcined, *A* gr. vi: pouder of Comfrey roots ℥ſs: pouder of Henbane-ſeeds ℥i: Syrup of Lettice q. s. mix and make a Bolus for one Doſe, give it twice a day.

268. ℞ Lapis Specularis calcined ℥i: pouder of Henbane-ſeeds ℥ij: mix them. Doſe ℥ſs *ad* ℥j, twice or thrice a day: it is good againſt a bloody Excretion of the Urine.

269. ℞ Coral calcined white ℥iij: Gum Arabick, Tragacanth, Comfrey-roots, *A.* ℥j: make a pouder, for nine Doſes to be taken three times a day in any convenient Vehicle.

270. ℞ the reddeſt Crocus Martis ℥vi: Gum Lac ℥iv: Gum Tragacanth ℥ij: make a pouder for 21 Doſes to be taken three times a day in any proper Vehicle, chiefly new Canary.

271. ℞ Coral calcined ℥iv: Oyſter-ſhells, Gum Lac, reddeſt Crocus Martis, *A.* ℥ii: Gum Tragacanth, Comfrey-flowers, flowers of Arch-angel, *A.* ℥i: Egg-ſhels ℥ſs: make all into a ſubtil Pouder. Doſe ℥ſs *ad* ℥ij.

272. ℞ Coral calcined, Antimony Diaphoretick, *A.* ℥ſs: mix for a Doſe.

273. ℞ Bezoar Mineral gr. xviij: Coral levigated ℥i: red Crocus Martis ℥ſs: Mithridate q. s. make a Bolus for one Doſe to be given twice or thrice a day.

274. ℞ Antimony Diaphoretick ℥iiii: Bezoar Minerale ℥ij: Gum Tragacanth ℥jſs: make a fine Pouder for fifteen Doſes to be given thrice a day.

275. ℞ Hartshorn calcined ℥ſs: Smiths Forge water filtera-

filterated ℔iv: boyl till half is conſumed; adding towards the End, of a Cruſt of Bread, of Comfry-roots, of Water-Lilly roots dryed, A. ℥iſs: ſtrain and ſweeten with Syrup of Lettice ℥iii. Doſe ℥iv. thrice a day.

IV. *Iſchureticks endued with a Volatile Salt.*

276. ℞ Volatile Salt of Harts-horn, Volatile Salt of Amber, *A.* ℥ſs: Pouder of Henbane ſeeds ℥j: mix for three Doſes.

277. ℞ Volatile Salt of Hartshorn and of Mans skull *A.* ℥ſs: reddeſt Crocus Martis ℥ii; mix them. Doſe gr. xv. thrice a day..

278. ℞ Volatile Salt of Amber, Coral calcined white, reddeſt Crocus Martis, make all into a fine pouder for 9 Doſes to be taken three times a day.

279. ℞ Solar Tincture with Sal Armoniack prepared ℥j; Doſe xx drops, thrice a day, in any proper Vehicle, chiefly new Canary.

280. ℞ Spirits of Mans Blood, and of Hartshorn, *A.* gut. xx: diſtilled water of Milk ℥ii: new Canary ℥iij: mix them to be taken twice or thrice a day.

281. ℞ Volatile Sal Armoniack, Volatile Salt of Amber, *A.* gr. vj: pouder of Henbane ſeeds ℈j *ad* ℥i: mix for a Doſe to be given thrice a day, or as you ſee need.

V. Iſcureticks endued with an Hypnotick Quality.

Theſe by ſtopping the Animal ſpirits, retard the motion of the Blood, and ſo hinder ſomthing its effervescency and fuſion, whereby the Urinary flux is in part ſtopt.

282. ℞ Syrup of Mecomium ℥ſs *ad* ℥vi: Lettice and Poppy waters, *A.* ℥jſs: mix them for a Doſe, and give it twice a day at firſt; afterwards thrice a day.

283. ℞ Diacodium Solidum Vulgare ℥jſs: being in the form of Lozenges, you may eat the quantity up in a day.

284.

284. ℞ Diacodium in solido, of the Augustian Physicians ℥jß: eat it as the former.

285. ℞ Diacodium in solido Actuarij ℥vj *ad* jx: eat it in the space of a day.

286. ℞ Diacodium Liquidum, *i.e.* Syrup of Meconium, Syrup of Red or Corn Poppies, and Syrup of Poppies Compound, A. ℥j: Syrup of Water Lillys ℥ij: mix them. Give the one half at Night going to Bed, the other half the next Night, and so continue as you see occasion: *if these things prevail not,*

287 ℞ Liquid Laudanum Helmontij gut. xx *ad* xxv or xxx: give it every Night in a Glass of choise new Canary.

288. ℞ Laudanum Paracelsi gr. iij *ad* vij: give it every Night, drinking after it a little Glass of new Canary: after 12 Nights taking, you may encrease the Dose every Night half a grain for 12 Nights more; then for 12 Nights more diminish half a grain.

289 ℞ of our Guttæ Vitæ gut. xx *ad* xxx: after twelve days, you may encrease the Dose every Night, one or two Drops; take them in Syrup of Water Lillies, or in new Canary mixt with Poppy water.

290. ℞ Laudanum Nostrum (at sect. 7. cap 8. lib. 2. following) gr. ij *ad* vj: continue the same Dose for twelve days, after encrease it every Night half a grain for twelve days more.

291. ℞ Confectio Anodyna Nostra gr. viij *ad* xvj: give it in Syrup of Water-Lillies, or Syrup of Lettice, or in Lettice or Poppy-water, or in new Canary, after twelve days, you may encrease the Dose every Night one grain for twelve Nights.

292. *A certain specifick.* ℞ Henbane seeds whole or bruised ℥j *ad* ℥ij: according to Age and Strength: Give them every Night going to Bed for five, seven, or nine Nights. I know one that has given these Seeds to ℥iv: three or four nights together, see cap. 1. sect. 47. aforegoing of this Book: Taken in substance they are best,

293.

293. ℞ of a Decoction (made of dryed Comfrey-roots ℥vi, and Barley hull'd) ℥vj: ſeeds of White Poppy, and of Henbane, *Ā* ℥j: ſweet Almonds blanched N°. vj: make an Emulſion which give every Night going to Bed.

294. ℞ of the Water at ſect. 250. aforegoing ℥iij: ſolution of Gum Tragacanth ℥ij: Emulſion made of Henbane-ſeeds ℥j, in Water diſtilled from Milk: Diacodium ℥iij, mix to be taken at Night going to Bed.

295. ℞ Henbane-ſeeds ℥j *ad* ij, or more, made into an Emulſion in Water of Milk, or with the Water at Sect. 250. aforegoing ℥vi: take it at Night going to Bed.

296. Take Conſerve of flowers of Water Lillys ℥ijſs: Henbane-ſeeds ℥j *ad* ℥j, bruiſed well: of Our Guttæ Vitæ gut. xij *ad* xx: Tincture of Steel gut. vj: make a *Bolus* to be given at Night going to Bed.

VI. *An Iſchuretick Amulet.*

297. Take a very well dryed Toad and large; ſew it up in a piece of pure fine and thin ſilk, hang it about the Neck, ſo as it may fall below the Pitt of the Stomach; and let it be worn for two or three Months or more, With this I have perfectly cured four or five ſeveral perſons (two of which were Women-kind) of a conſtant *Diabetes*, and one of the perſons brought it into the World with them.

CHAP.

CHAP. XXIV.

How to make the Strong-Waters *which the* Distillers *of* London *ſell in their Shops.*

IT is not unfit for a Chymiſt, or any Lover of Art to know how theſe are made; and being but about XXXV in number, beſides the making of Vinegar, We thought good to place them here.

1. *To make Strong Proof Spirit.*

℞ *twenty quarters, or one hundred and ſixty Buſhels of good ſound Mault, convert it into one hundred Barrels of good ſerviceable Ware, allowing to this quantity at moſt but* ℔lvj, *of good ſweet Hops. And being well wrought according to Art, put it into ſweet Caſks (ſweet Oyl Buts are beſt) fill them within eight Inches of the Bungs, (being laid upon Scantlings in the Sun) let not the Head reſt, Work over at the Bungs, and it will ſink to the bottom: prepare little Covers of Wood, fit to cover the Bungs, and larger Covers to lay over them, to defend them from Rain falling into the Caſks. Let the Bungs ſtand open only, when the Sun ſhines hot upon the Caſk; but in cloſe or wet Weather, and in the Night, let both Covers be always kept on. When the firſt Head of the Liquor is fallen in, then draw it from the Lee, into another clean ſweet Caſk, and ſo afterwards from Caſk to Caſk, as there ſhall be cauſe, till it comes to perfection; then draw it off into another ſound Caſk (the largeſt are fitteſt for this purpoſe) and ſo keep it in your Warehouſe for uſe. If this Ware ſhould grow long and ropy, then put a fit quantity of Alum into it, Work it well together according to Art, and it will grow ſhort again. Then take of this Ware or Drink, q. s. put it into a*

Copper Alembick (which if Tin'd within will be ſo much the better) with its Worm, and diſtil off a Proof Spirit according to Art, which as you ſee neceſſary you may make more perfect by a Re-diſtillation.

After this manner ought the true Proof Spirit to be made: formerly it was Diſtilled from Brewers Afterworts, or Waſh, called *Blew John*: But the Company of *Diſtillers* of *London*, have made this Order, That no Afterworts or Waſh, made by Brewers, called Blew John, nor Muſty, Unſavory, or Unwholſom Tilts, or Dregs of Beer or Ale; nor Unwholſome or Adulterated Wines, or Lees of Wines; nor Unwholſome Sugar-Waters, Muſty, Unſavory, or Unwholſome returned Beer or Ale; nor Rotten, Corrupt, or Unſavory Fruits or Drugs, Spices, Herbs, Seeds, nor any other ill conditioned Materials, of what kind ſo ever, ſhall henceforth be Diſtilled, Extracted, or drawn into ſmall Spirits or low Wines, or be any otherwiſe uſed, Directly or Indirectly, by any the Members of this Company, or their Succeſſors, at any time hereafter for ever. And that no ſmall Spirits, or low Wines ſhall be Diſtilled, Extracted or Made, or be allowed to be Sold, or put to Sale, or uſed by any of the Members of the Company, or their Succeſſors, but ſuch only, as out of which, by one alone Re-diſtillation, Extraction, or Operation, may be produced in quantity at leaſt one third part thereof, of good ſtrong Proof Spirit, ſuch as is produced by the aforeſaid *Recipe*, for the making of Rich or High Spirits, Strong-Waters, or Aqua Vitæ, *&c. Note*, That unleſs, you Diſtil gently, it will make the Head of the Alembick to fly up. If this Water be Diſtilled three, four, or more ſeveral times, you may have as ſtrong a Spirit as out of Wine, between which there will be but little difference.

2. *To make* Aqua Vitæ *Common.*

Take ſtrong Proof Spirit one Gallon, Anniſeeds bruiſed ℥iſs.

℥ss: *distil them into a strong Proof spirit, according to Art.*

You may make this Water Richer, if you take Clove-gilliflowers, Red Roses, Corn-Poppy-flowers, and red Sanders, or any of them severally, a sufficient quantity, and infuse them in Aqua Vitæ, or Proof Spirit, till the Tincture is drawn out, then to draw off the Spirit, and to keep it for use; and upon occasion to take ℥viij thereof, to ℔viijss, of this Water, by which also it will have a good Colour; you may use a greater quantity of this Spirit without any inconveniency.

3. *To make* Aqua Vitæ *Proper.*

Take strong proof spirit one Gallon: Anniseeds ℥ij) ℥ij: *Carraways, Coriander-seed, A.* ℥ij: *distil them into a strong proof spirit, according to Art.*

You may also make this Water richer, and colour it as the former, with the same Ingredients.

4. *To make* Anniseed-water.

Take strong proof spirit one Gallon: Anniseeds the best bruised ℥viij: *distil them into strong proof spirit; and dulcify it according to Art, with white Sugar* ℥viij.

If you double the quantity of the Aniseeds, the Water will yet be richer; and you may call it *proper.*

This Water strengthens the Stomach, expels Wind, easeth pains of the Cholick, and Gripings of the Guts, and helps Digestion; and is also opening, whereby it helps Asthma's, Phthisicks, shortness of Breath, &c.

5. *To make* Angelica water.

Take strong proof spirit ℔viij: *Angelica roots* ℥ij ℈j: *Or, Angelica herb green* ℥xij: *Aniseeds* ℥j ℈v: *slice the roots thin, or bruise them and the Seeds: distil them into strong proof spirits, and dulcify with white Sugar* ℥viij.

If you would make it richer, you may add: Carraway seeds, Coriander seeds, A. ℥ijss: Calamus Aromaticus, Zedoary, A. ℥iij ℥ij, gr. v: Aniseed, Cassia Lignea, Angelica, A. ℥vjss: or of the Herb ℥iij ℥jss: white

gar ʒiv, or what ſufficeth; and then you may call it Angelica Water proper.

It is a very Cordial Water, ſtrengthens the Stomach and inward parts; is good againſt Poyſon, Fainting and Swooning fits, and a preſervative againſt the Plague, and other Infections.

6. *To make* Wormwood-water.

Take ſtrong proof ſpirit ℔viij: *Aniſeeds bruiſed* ʒj ʒv: *common Wormwood Leaves and Seeds ſtript and dryed* ʒiijſs: *diſtil them into ſtrong proof ſpirit, according to Art: dulcify with white Sugar* ʒviij.

If you would make it richer, you may add: Cinnamon, Cubebs, A. ʒiij gr. xv: ſweet Fennel ſeeds, Aniſeeds, A. ʒvjſs: Olives, Carraway ſeeds, Nutmegs, A. ʒjſs: Wormwood dry ʒj: white Sugar ʒiv, or what ſufficeth.

It is good to conſume and break Wind, kill Worms, hinder Vomiting, ſtrengthens the Stomach, provoke Appetite, and to eaſe pains of the Head: alſo it is eſteemed as a great Cordial.

7. *To make* Bawm-water.

Be ſtrong proof ſpirit ℔viij: *dryed Bawm* ʒivſs: *Aniſeeds* ʒj ʒv: *diſtil them into ſtrong proof ſpirit, according to Art; and dulcify with white Sugar* ʒviij.

If you would make it richer, you may add: Garden Thime, Penny-royal, A. q.s. (or P. j.) Cardamums ʒjſs: ſweet Fennel ſeeds, Aniſeeds, A. ʒvjſs: Bawm dry ʒj ʒſs: Nutmegs, Ginger, Calamus Aromaticus, Galingal Cinnamon ʒiij gr. xv. This may be called *Bawm-water proper.*

This Water is Cordial, ſtrengthens the Heart, is good againſt fits of the Mother, eaſes the After-pains of Women in their Lying in, and being taken before hand, cauſes a ſpeedy Delivery.

8. *To make* Mint-water.

Be ſtrong proof ſpirit ℔viij: *Spear Mint dryed* ʒiv ʒvj: *Aniſeeds* ʒj ʒv: *diſtil them into ſtrong proof Spirit; and dulcify with white Sugar* ʒviij.

If you would make it rich-

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er, you may add Spear-mint dryed, Aniſeeds, A. ℥j ℥v: Calamus Aromaticus ʒiij gr. xv: white Sugar ℥iv. And then it may be called *Mint water proper.*

It comforts and ſtrengthens the Stomach, Heart, Liver, and Spleen; helps concoction, and is good againſt Vomiting.

9. *To make* Roſemary Water.

℞ *ſtrong proof ſpirit* ℔viij: *Roſmary ſtript and dry* ℥iij: *Aniſeeds of the beſt* ℥j ℥v: *diſtil them into ſtrong proof Spirit, and dulcify with white Sugar* ℥viij.

If you would make it richer, you may add; ſweet Fennel ſeeds, Cinnamon, A. ℥vjſs: Roſemary dry, Aniſeeds, A. ℥j ℥v: Carraways ℥ſs: Spear-mint q.s. or P. j: White Sugar ℥iv. This you may call *Roſemary-water proper.*

It is very good againſt the Dyſentery or Bloody-flux, proceeding of a cold Cauſe, either drunk, or three ſpoonfuls given in a fit Clyſter: it alſo preſerves from Vomiting, ſtrengthens the Stomach, quickens the Sight, and comforts the Head and Brain.

10. *To make* Limon or Orange-Water.

℞ *ſtrong proof ſpirit* ℔viij: *Limon or Orange Peels dry* ℥iij: *Aniſeeds of the beſt* ℥j ℥v: *bruiſe the Peels and Seeds, diſtil them into ſtrong proof Spirit according to Art, and dulcify with white Sugar* ℥viij.

If you would make it richer, you may add Carraways ʒiij ℈ij gr. v: Limon peels dry, Aniſeeds, A. ℥j ℥v: white Sugar ℥iv: In like manner and quantity you may make your Compoſition with Orange Peels dry; and theſe you may call *Limon or Orange waters proper.*

Limon Water is Cephalick, Cordial, and reſiſting Poyſon, it fortifies the Brain, chears the Heart, revives the Spirits, ſtrengthens the Stomach, and is good in Fainting and Swooning fits: it mightily opens Obſtructions, expels Wind in the Stomach, and is a great Reſtaurative to ſuch as are in Conſump-

tions it makes them also chearful and merry which are Melancholy.

11. *To make* Stomach-Water *the leß.*

℞ *strong proof Spirit* ℔viij: *Spear-Mint dry, Lovage-root dry, Aniseeds, A.* ℥j ℥v. *Calamus Aromaticus, Ginger, sweet Fennel seed, Master-wort roots, Wormwood dry and stript, A.* ℥vij: *Carraway-seeds, Coriander seeds, A.* ℥v: *Cummin seeds, Cloves, A.* ℥jß. *bruiß them that are to be bruiß'd: distil them into strong proof Spirit, according to Art: and dulcifie with white Sugar* ℥viij.

12. *To make* Stomach-*Water the greater.*

℞ *strong proof Spirit* ℔viij: *Calamus Aromaticus* ℥v: *Guajacum, Green Bark, Avens root dry, Galingal, A.* ℥jv: *Citron and Orange peels dry, white Cinnamon, A.* ℥iij gr. xv: *Common Wormwood dry, Wormwood Roman dry, Spear mint, Roßmary Tops, Coßmary, Sweet Marjoram, Wild Time, all dry, A.* ℥jß: *Nutmegs, Cinnamon, A.* ℥ij: *Cubebs, Cardamoms, A.* ℥j gr. xv: *Sweet Fennel seeds, Coriander seeds, A.* ℥ß: *Aniseeds* ℥ij ℥iij: *bruiße all that are to be bruiß'd, distil them into strong proof Spirit, which dulcify with white Sugar* ℥xvj.

13. *To make* Marjoram *Water.*

℞ *strong proof Spirit* ℔viij: *Sweet Marjoram dry* ℥v: *Aniseeds* ℥j ℥v: *Carraways* ℥iij gr. xv: *Calamus Aromaticus* ℥v: *bruiße them, distil and dulcify, with white Sugar* ℥viij: *according to Art.*

If you would have it richer, you may add, Cinnamon ℥ß: Cloves ℥jß: Limon-peels dry ℥jß: Sugar ℥lv: and then you may call it *Marjoram Water the greater.*

It is good againſt Diſeaſes of the Liver and Spleen, cauſeth freeneſs of Breathing, and ſtrengthens the Stomach and inward parts.

14. *To make* Uſquebach.

℞ *strong proof Spirit* ℔viij: *Aniseeds* ℥j ℥v: *Cloves* ℥jß: *Nutmegs, Ginger, Carraways, A.* ℥iij: *distil them into strong proof Spirit, according to Art. Then add to the distilled*

distilled Water, Spanish Liquorice, Raisons of the Sun, A. ℥iij ℈ij: *bruise the Liquorice and Raisons: dulcify it with Sugar* ℥viij: *stir them well together, and so let them stand ten days; and then (being fine) draw it off, and keep it for use.*

It is good to cure Distempers of the Lungs, warm the Stomach, help Expectoration, cause Appetite, and a good Concoction.

15. *To make* Balsamint *Water.*

℞ *strong proof spirit* ℔viij: *Balsamint dry* ℥iij ℈ij: *best Aniseeds* ℥j ℥ß: *Carraway seeds* ℥iij: *Limon Peels dry* ℥vij ß: *bruise them that are to be bruised, distil them into proof Spirit, and dulcify with white Sugar* ℥viij: *according to Art.*

If you would make it stronger, you may add: Sweet Fennel Seed, Cinnamon, A. ℥iv: Nutmegs ℥iij ß: Sugar ℥iv: and then you may call it *Balsamint Water the greater.*

It is Cordial, refreshes the Spirits Natural, Vital, and Animal, comforts the Languishing Heat, fortifies the Stomach, causes a good Appetite and Digestion, and expels Wind out of the Ventricle and Bowels.

16. *To make* Ros, *or* Rosa Solis, *common, and the lesser.*

℞ *strong proof spirit* ℔viij: *Rosa Solis* M. iv: *biting Cinnamon* ℥vij ß: *Cloves* ℥ij ß: *Nutmegs, Ginger, Carraways,* A. ℥iij: *Marigold flowers, Avisees,* A. ℥j ℥ß: *bruise them, distil them in strong proof Spirit according to Art. Then add to the distilled Water, Spanish Liquorice* ℥j ℥ß: *Raisins of the Sun, Sugar,* A. ℥viij: *Red Saunders* ℥iij: *bruise the Liquorice and Raisins, stir them well together, let them stand twelve days, and then being fine, it may be drawn for use.*

If you would make it richer, you may add half as much more, of each of the former Ingredients, and instead of the red Saunders, the Tincture of Roses, Gilliflowers or Corn Poppy-flowers, a sufficient quantity: and then you may call it *Rosa Solis the Greater.*

It resists and expels Poyson, is good against all sorts of malign, pestilential, contagious, and epidemical Diseases, as also all cold and humid Distempers of the Stomach, helps Digestion, and expels Wind.

17. *To make* Ros, *or* Rosa Solis *proper.*

℞ *strong proof Spirit* ℔viij: *Rosa Solis gathered in due Season, and clean picked* ℥vj ℥iij gr. xv: *Juniper-berries* ℥iv ℥vjss: *Sassafras roots with the Bark, Carraway-seeds,* ℞ ℥iij gr. xv: *Marigold flowers* ℥j ℥v: *Aniseeds* ℥j ℥iijss: *bruise them that are to be bruised, and distil them into strong proof Spirit according to Art. Take of this Spirit* ℥j ℥jss: *to which add of the Water, called prorsus Water dulcified (as S. & 21. following)* ℥j ℥v: *Liquorice bruised,* ℥j ℥iv: *dulcify with white Sugar* q. s. *If you add none of the aforesaid Water, then instead thereof take Musk* gr. vj: *Ambergriss* gr. viij: *and Tincture it with the Tincture of Clove gilliflowers, or Roses* q. s. *according to Art.*

It opens Obstructions, resists Poyson, Plague, contagious, malign, and Epidemical Diseases, is excellent against the Stone and Gravel, whether in the Reins or Bladder; provokes Urine, comforts the Stomach, causeth Appetite and a good Digestion, is good against the Falling-sickness, and restores decaying Nature.

18. *To make* Clove Water.

℞ *strong proof Spirit* ℔viij: *Cloves of the best* ℥j: *Aniseeds* ℥j ℥v: *distil them into strong proof Spirit, and dulcify with white Sugar* ℥viij.

It helps Digestion, expels Wind, provokes Urine, comforts the Heart, revives and refreshes the Spirit is good against Vapours, Fainting and Swooning-fits, and strengthens the Stomach and Liver, and all the inward parts.

19. *To make* Cinnamon-Water *common.*

℞ *strong proof Spirit* ℔viij: *Cinnamon sharp and biting* ℥viij. *Aniseeds* ℥j: *distil them into proof Spirit according to Art, and dulcify with white Sugar* ℥xij.

It is an excellent Cordial,

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is good against Fainting and Swooning fits; chears the Heart, exhilerates the Spirits, and restores such as are in Hecticks and Consumptions.

20. *To make* Cinnamon-Water *proper.*

℞ *strong proof spirit* ℔viij: *sharp biting Cinnamon and large* ℥xvj: *distil them into proof spirit according to Art, and dulcify it with Syrup made of Rose-water* ℥vj ℥iij: *white Sugar* ℥xx.

If you would make it richer, you may add Musk, Ambergrise, A. gr. iij: white Sugar Candy, in stead of common white Sugar, q. s. and then you may call it *Cinnamon-water the greater.* But in respect, that Musk for some Cause may give offence to the Receiver, it is requisite to omit the use thereof in some of your Waters of this kind, to serve for such special uses: Or you may make the one half of the Water without Musk, the other with it.

This Water has all the Vertues of the former, besides which it is good against Vomiting, loathing of the Stomach, and a stinking Breath. It strengthens the Heart, Stomach, Lungs, Liver, Spleen, and Mesentery; fortifies the Brain, and a weak Memory, being good against Dullness, Drousiness and Sleepiness, and all cold and moist Diseases of the Head and Nerves.

21. *To make sweet Fennel seed water.*

℞ *strong proof Spirit* ℔ *viij: sweet Fennel Seeds* ℥ *viij: Carraway Seeds* ℥ *iij: Anniseeds* ℥ *i* ℥ *v: distill them into proof spirit: dulcifie with white Sugar* ℥ *viij.*

If you would have it richer, you may add sweet Fennel Seeds ℥ viij: Carraways ℥ iij, gr. xv. Anniseeds ℥ j ℥ v Cinnamon ℥ vj ß: Cloves ℥ jß white Sugar ℥ jv.

It is good against nauseousness of the Stomach, and pains thereof: it expels Wind, and is prevalent against the Cholick and gripings of the Guts, as also against a tedious and vehement Cough.

22. *To make* Marigold-*Water.*

℞ *strong proof spirit* ℔ *viij*

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Marigold flowers new gathered, and clean pick'd three pints heap'd, bruise them; Sweet Fennel seeds, Anniseeds, A. ℥ j: distill them into strong proof spirit, and dulcify with white Sugar ℥ viij.

If you would have it richer, you may add: Cinnamon biting, sweet Fennelseed, *A.* ℥ jv: Carraways, Cloves *A.* ℥ j ß: Marigolds a pint and half well heap'd: Sugar ℥ iv: and this you may call Marigold water the greater.

It is a good Cordial, expels Wind, is good against fainting and palpitation of the Heart, comforts all the *Viscera*, and is good against the Infection of the Pague, or other Malign and contagious Diseases.

23. *To make Carraway Water.*

℞ *strong proof spirit* ℔ *viij: Carraway seeds* ℥ *iij: Anniseeds* ℥ *j: Rosemary dry* ℥ *iij: Limon peels dry, Cloves, A.* ℥ *ij* ß: *distil them into proof spirit according to Art, and dulcify with white Sugar* ℥ *viij.*

This water is prevalent against all cold and moist distempers of the Stomach and Bowels, it expels Wind, comforts the head and brain, and takes away Dullness, Drousiness and sleepyness, by comforting the Animal Spirits.

24. *To make Nutmeg water.*

℞ *strong proof spirit* ℔ *viij choise Nutmegs* ℥ *ij: Aniseed* ℥ *i: bruise them, distill them into proof spirit according to Art, and dulcify with white Sugar* ℥ *viij.*

This comforts all the spirits, chiefly the animal, discusses Wind, strengthens the stomach, causes a sweet breath, helps the Cholick and provokes Urine.

25. *To make Precious Water.*

℞ *strong proof spirit* ℔ *viij: roots of Elecampane, of Avens, of Angelica: of Cyprus, Calamus Aromaticus, Sassafras, A* ℥ ß: *Zedoary, Galangal, A.* ℥ *iij: Cassia Lignea, Lignum Rhodium, yellow Sanders, A.* ℥ *ij* ß: *Citron peels dry, Orange Peels dry, A.* ℥ ß ℥ *ij gr. v: white Cinnamon, Nutmegs, Mace, Gin-*

Ginger, A. ℥ ß: *sharp biting Cinnamon* ℥ ij: *Cloves, Cardamoms, Cubebs, A.* ℈ ij *Sweet Chervil seeds, Basil seeds, A.* ℥ iij: *Coriander seed, sweet Fennel seed A.* ℥ j *Anniseeds* ℥ ij: *bruise the Ingredient, distill them into proof spirit, and dulcifie with white and fine Sugar* ℥ xxxiv *according to Art: let it stand till it is fine, then draw it off, and perfume it with Musk,* gr. vj: *Ambergrise* gr. xxiv *keep it till it is clear, and then use it.*

It is good against Poyson, Plague, and malign Feavers, as also against all contagious and Epidemical Diseases: it comforts all the Spirits natural, vital and animal, strengthens the Heart, preserves the Senses, and relieves languishing Nature.

26. *To make wind-water, or water expelling Wind.*

℞ *strong proof spirit* ℔ viij: *Elecampane-roots dry, Anniseeds A,* ℥ j ℥ v: *Cyprus roots, bark of the root of the Bay-tree (or as much Bay-leaves) Sassafras with its bark, white Cinnamon, A.* ℥ ß ℥ ii gr. v. *Calamus aromaticus, Orange-Peels dry A.* ℥ iij: *Clary, red Mint, Calamint, Elder-flowers, Camomil flowers,* ana. ℥ ß: *sweet Fennel seeds, Carraways, Angelica-seeds: A.* ℥ iij: *Coriander seeds: Cardamums, Cubebs, grains of Paradise, Cloves, Ginger, A.* ℥ ij: *Pepper long and white A.* ℥ j: *bruise all grossly: Distill them into strong proof spirit, according to Art, and dulcifie it with white Sugar* ℥ xvj: *draw it for use when perfectly clear.*

The Title shews the Virtues, for which it is excellent: it is good against gripings of the Guts, and the Cholick, and against all cold and moist Diseases of the Stomach and bowels: a little dish of it taken just before eating, strengthens the Ventricle, and sharpens the Appetite, causing a good Concoction and Digestion.

27. *To make Sweating water, or water causing Sweat.*

℞ *strong proof spirit* ℔ viij *Butterbur roots dry,* ℥ iij ℥ j ß: *roots of common Valerian, Anniseeds, A.* ℥ j ℥ v *roots,*

roots of Swallowwort, of Saſſafras with the bark, A. ℥vjß Angelica leaves dry Cardus Benedictus, great Valerian leaves and roots, all dry, Scordium A. ℥j: ℥j ß. Cowſlip-flowers, Marigold-flowers, A. ℥j: Juniper-berrys ℥ij: bruiſe them all, diſtill them into proof ſpirit according to Art: and dulcify with white Sugar ℥ xvj.

It cauſes Sweat powerfully, expels Malignity and Venom from the heart in the Plague and all ſorts of malignFeavers: and drives forth the Small Pox and Meaſles.

28. *To make Surfeit-water.*

℞ ſtrong proof ſpirit ℔viij Juniper berries ℥ iij ℥iſs: Elecampane roots dry ℥j, ℥ v Calamus Aromaticus, Galangal A. ℥ iij: Wormwood, ſpear-mint, red Mint, all dry A. ℥ ij: Carraway-ſeeds, Angelica-ſeeds, A. ℥ j ſs: Saſſafras roots with the bark, white Cinnamon A. ℥ij ß: Nutmegs, Mace, Ginger, Cloves, A. ℈ ij, gr. v. Corn poppy flowers, ℥ vj ß: Aniſeeds ℥ jv: bruiſe them all, diſtill them into ſtrong proof ſpirit, and dulcifie with white Sugar ℥xvj.

It is good againſt all ſorts of Surfeits proceeding from heats or colds, Gluttony, eating of Fruits or Fleſh, over-great Drinkings, and ſuch like.

29. *To make Scorbutical water, or water againſt the Scurvy.*

℞ ſtrong proof ſpirit ℔viij: Horſe-radiſh-roots dry ℥iij: Enula Campana roots dry, Aniſeeds A. ℥j. ℥v: water Creſſes, winter Creſſes, garden Creſſes, tarragon, Balſamint, garden Scurvy-graſs, Wormwood, Brookline, water Trefoil, ſweet Chervil, A. ℥ß, ℈ ij, gr. v: Arſmart hot, ℥ vj ſs Seeds of Muſtard, of Bank-Creſſes, of Rocket, of Radiſh, A. ℥ij ſs: Citron and Orange-Peels dry, white Cinnamon, Mace, A. ℥ iij, gr. xv. bruiſe them all, diſtill them into a ſtrong proof ſpirit, according to Art, and dulcify with white Sugar ℥ xvj. Take of this ſpirit p. viij juyce of Limons depurated p. j: or more: mix and dulcify with white Sugar, a ſufficient quantity.

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This is good in a cold Scorbute where the habit of the Body is cold, moist and flegmatick: if you put half the quantity of juyce of Limons to it: it may be useful in a hot scorbute.

30. *To make* Plague *water.*

℞ *strong proof spirit* ℔viij: *Butter-bur roots dry,* ℥j ℥v: *Garden Valerian roots dry, common Valerian roots dry, roots of Angelica, of Masterwort, of Gentian, of Elecampane, of Snake-graß, or Vipers graß, A.* ℥ss ℥iij gr. xv: *Contrayerva, Zedoary, Galangal, A.* ℥iij gr. xv: *Rue leaves dry, white Horehound, Scordium, Carduus Benedictus, A.* ℥ss: *Elder flowers, Lavender Mace, A.* ℥ijss: *Citron peels dry, Juniperberries, A.* ℥vjss: *Green-Wallnuts with the Green* ℥j ℥v: *Venice Treacle, Mithridate, A.* ℥jss: *best Aniseeds* ℥ij ℥iijss: *Camphir* ℈ij gr. v: *distil into strong proof spirit, according to Art; dulcify it with white Sugar* q. s. *or* ℥xvj: *and keep it for use.*

It is good against all malign and pestilential Distempers, as Measles, Small Pox, Plague, and other contagious and epidemick Diseases. Let the party infected take of this Water one Ounce mixt with warm Posset Drink (or any proper Water in that Case) & be kept very warm, and Sweat well thereupon.

31. *To make* Lavender *Water.*

℞ *strong proof spirit* ℔viij: *Lavender leaves dry* ℥iv ℥vjss: *Lavender flowers dry* ℥iij ℥jss: *Mace* ℥vjss: *Nutmegs* ℥j ℥v: *Lavender Cotten dry* ℥iij ℥jss: *Stœchas* ℥vjss: *bruise them that are to be bruised, distil them into strong proof spirit, according to Art, and dulcify with white Sugar* ℥xvj.

It is an excellent thing against all cold and moist Diseases of the Head and Brain, as Dullness, Drowsiness, Sleepiness, Lethargy, Coma, Carus, and vehement Head-achs and Megrims, proceeding from a cold Cause. It also prevails against the Vertigo, Epilepsy, Convulsions, Cramps, Palsies, Apoplexies and Passions of the Heart, as Fainting, Swooning, Trembling, Palpitation,

pitation, &c. And it reſtoreth Speech loſt.

32. *To make* Sage-*Water.*

℞ *ſtrong proof ſpirit* ℔viij: *great Sage dry* ℥jv ℥vjſs: *red Sage dry* ℥iij ℥jſs: *Lavender flowers, Sage - flowers,* ana. ℥jſs, ℥j: *Lavender-Cotten dry, Southernwood dry, A.* ℥vjſs: *Nutmegs* ℥j: *bruiſe or beat them as is moſt proper; diſtil them into ſtrong proof Spirit, and dulcify with white Sugar* ℥xvj: *according to Art.*

It has the Virtues of the former, and is very good for all ſuch as are of a cold and flegmatick habit of Body, are Melancholy, and of a dull and heavy Spirit.

33. *To make Water of* Flowers.

℞ *ſtrong proof Spirit* ℔viij: *put it into a wide mouth'd Pot or other Veſſel, ſtopt very cloſe. Take thoſe ſeveral flowers following in their Seaſons, and being clean pickt, put them to the Spirit in the Pot;* viz. *Cowſlips, Wood-bind, Stock-Gilliflowers of all three ſorts; Damask-Roſes, Muſk-Roſes; Sweet-brier-flowers, Clove-gilliflowers, Lilly Convally, Jaſemine, Citron and Orange-flowers (or Peels dry) flowers of the Tile or Linden Tree, of Garden Thyme, of Limon Thyme, of Wild Thyme, of Lavender, of Marigold, of Cammomil, of Melilot, of Elder, A.* ℥vjſs: *being furniſhed with all theſe flowers; when you would diſtil them, add Aniſeeds* ℥iij ℥jſs: *Coriander ſeed* ℥j ℥v: *bruiſe the Seeds (and it would be beſt to bruiſe all the Flowers, as you put them into the Spirit, for their more orderly working:) diſtil them into ſtrong proof Spirit according to Art: then add to the diſtilled Water, Roſes, Clove-gilliflowers, Elder-flowers, A.* ℥j ℥v: *after twelve days infuſion it may be drawn off: then dulcify it with white Sugar* ℥xvj *let it be fine, then draw it for uſe.*

It is a good Cordial Water, fitted for all cold and moiſt Diſeaſes of the Head, Brain, Heart, and Bowels: It is excellent againſt the Falling-ſickneſs.

34. *To make Water of Fruits,*

Fruit, *or Fruit Water.*

℞ *strong proof spirit* ℔viij: *Juniper-berries* ℥vj ℥iij gr. xv: *Quince Parings dry, Pippin Parings dry, A.* ℥iij ℥ifs: *Limon and Orange-peels dry, A.* ℥j ℥v: *Nutmegs* ℥iij gr. xv: *Aniseeds* ℥iij ℥ifs: *distil them into proof spirit according to Art. To the spirit add Strawberries, Raspberries, bruised, A.* ℥viij: *stir them well together; and after ten days, it being clear, you may draw it off: then dulcify it with Syrup of Fruits* ℥xvj: *and so let it stand till it be clear; and draw it off for use.*

It is a good Stomatick, and comforts the Ventricle weakned by Surfeits, or other Distempers. *The Syrup of Fruits is thus made.* Take Apricocks, Quinces, Cherries, English Currans, A. q.s. all full ripe: Prepare the Quinces and Apricocks, and take out the Stones and Kernels, and slice them very thin: Stone the Cherries, and bruise them and the Currans; then lay them into a flat Basin or Pan, thus: a Lane of Fruit of a fingers thickness: & then a lay of white pouder Sugar, of the same thickness: and so proceed in Order *stratum super stratum*, or lay upon lay, till all be laid into the Basin: then pour on good Aqua Vitæ gently, till all be covered therewith, and so let it stand two, three, or four hours. After bruise or mash them all together, and press out the juyce as dry as possible may be, through a thick Linnen or Hair Bag. This expressed juyce take, and let it stand, till it is clear settled; which by a gentle heat in a hot Bath, evaporate or boyl up to the thickness of a Syrup, and so keep it for the use aforesaid: one pound hereof dulcifies eight pounds of the Spirit.

35. *To make* Avens-*Water.*

℞ *strong proof spirit* ℔viij *Avens roots* ℥vj ℥iij gr. xv: *Orrice roots, Nutmegs, Mace, yellow Sanders, A.* ℥ifs: *Saffron, Storax, Benjamin, Lignum Rhodium, A.* ℥ij: gr. v. *Angelica roots:* ℥ij ℈s: *Limon-peels not dry* ℥vjfs: *sweet Fennel seeds, Aniseeds*

Aniſeeds A. ℥ j ℥ v: Cloves ℥ i: Roman Wormwood, Mint dryed A. q. s. or P. j: Red Roſes, Stechas flower, A. q. s. or P. j and an half: ſweet Marjoram Baum, Burnet, Time, all dry, A. q. s. or P. ij Berries of Alkermes, ℥ j ß, ℈ ſs: Bruiſe all that are to be bruiſed, diſtill them into proof ſpirit, according to Art, and dulciſy with Syrup of Alkermes, ℥ xvi, or more.

This is a great Cordial, ſtrengthens the Heart and Spirits, and indeed the Univerſal Frame, and confirms the healthful tone of the *Viſcera*: It removes Sadneſs and Melancholy, and reſtores in Conſumptions. *Syrup of Alkermes is thus made:* ℞ Roſe water ℔ j: white Sugar ℔ ij ſs: Boil to a Syrup, ſtrain, and put it to the fire again; then add Confection of Alkermes, ℥ j: Syrup of Clovegilleflowers ℥ iv: Ambergriſe (diſſolved in Roſe-water) gr. xv. let theſe boyl a little, till they are incorporated with the Syrup, and ſo keep it for uſe: ℔ j hereof dulcifies ℔ viij of Spirit.

36. *To make the beſt* Vinegar.

You muſt have 3 ſweet Tuns (or ſmaller Casks) place them orderly on ſcantlings; provide good ſound white Rape, and ſuch well conditioned, or ſound and good materials as are proper for this Uſe, ſo much as ſufficeth: not Muſty in any caſe: Number your Tuns 1, 2, 3, Fill the firſt Tun with Rape, within ſix Inches of the Bung; ſtop the Bung with Cork or Wood very cloſe, and let it ſtand, and in a few days it will gather heat: being conveniently hot, fill up the Veſſel within three Inches of Top-full with your Liquid Materials without Dregs; ſtop it cloſe again. At that Inſtant fill the ſecond Tun with Rape, as aforeſaid; after a few days it will be hot as the former was: being conveniently hot, draw off Tun, 1. and put it into Tun 2. and ſtop both cloſe. At that Inſtant fill the third Tun with Rape, ordering it in every reſpect as the former: when Tuns 1. and 2. have gathred ſufficient heat, fill up Tun 1. with

freſh

freſh Liquor, as at the firſt; and draw off Tun 2. and put it into Tun 3. and ſo let Tun 2. gather ſufficient heat again: Then draw off Tun 1. and put it into Tun 2: at that Inſtant, draw off Tun 3. and put it into a ſtone Cask, for having paſſed three times through the Rape, it is become good and merchantable Ware. In this Order, you muſt ſupply one Veſſel from another, till you have finiſhed your Work, according to Art.

Now here is to be noted, § 1. That the liquid Materials which you ſhall uſe, are chiefly French Wines or Rheniſh, or ſuch Good and Merchantable Ware made of good Mault, as is directed at Sect. 1. of this Chapter: for the Company of Diſtillers of *London*, have Order'd, that no Member, or Members of their Company, or their Succeſſors, nor any of them, at any time hereafter whatſoever, by any way or means whatſoever, Directly or Indirectly, ſhall or may, Uſe, Diſpoſe, Convert, or Imploy any Afterworts, or Waſh, (called *Elew John*) made by Brewers or others into Vinegar, Beer-eager, or Ale-eager, or either of them, as they reſpect their Oaths by them taken, and will undergo the Penalties in this Caſe provided. § 2. That in Summer time, and warm Weather, the Rape will attain a ſufficient heat in two or three days: but in Winter it will require a longer time. § 3. That when all your liquid Materials are ſpent, ſo that you have no more to continue your Work, you be ſure, That your Tuns ſtand near full, till you are provided of more Liquor to put upon the Rape. For if the Rape ſtanding dry, ſhould Wax hot, and you have nothing proper to ſupply the ſame withal, it would ſoon decay, and be perfectly ſpoiled; which if otherwiſe, it be preſerved, as aforeſaid, will (as ſome poſitively affirm) ſerve to make Vinegar with for ever.

APPENDIX. I.

Concerning the Preparing of Artificial Tunbridge *and* Epſome *Waters.*

37. *To make or prepare* Tunbridge Water *Artificial.*

℞ *of the Mine or Oar of Iron,* q. s. *beat it very ſmall, put this into a little Furnace made with a Grate, above which a ſtrong Crucible muſt be faſtned reſting on two Iron Bars; let it be ſo ordered, That the Smoak be conveyed not above by the Crucible, but through a Pipe or paſſage at the ſide of the Furnace: this Crucible fill with the ſaid Iron Oar in Pouder: and by a Coal fire without flame cauſe Ignition, and ſo keep it, having before hand fitted proper ſubliming Veſſels: ſo will there come forth an acid Spirit and Flowers: mix them together till the acid Spirits extracts a Salt out of the Flowers; then decant off the clear Liquor, which will have a ſtrong taſt and ſmell of Iron. A few drops of this Liquor, put into a Glaſs full of Fountain Water, will give it the odour and taſt of* Tunbridge Water, *and Communicate the ſame Operations to it.* Or thus. *Take fair Spring Water* ℔iv: *Salt, Cryſtals or Vitriol of Mars* ℥j: *mix, diſſolve, and filter through Brown Paper, ſo have you a Water in Virtues and effects like to that of* Tunbridge.

It is certain that *Tunbridg Water* proceeds from an Iron Mine, whence it contracts that Ironiſh, acid and vitriolick taſt and odour, though upon Evaporation, there remains little or no Salt or Vitriol of Iron at bottom. But it contracts this Taſt and Odour, either, 1. From waſhing away ſome of the Diſſoluble parts of the Mine. 2. Or by impregnating it ſelf with the Volatile parts of the ſaid Mine raiſed in a Fermentation of the ſaid Mineral, by mixion with the Water. 3. Or by mixion of the Vapour

Vapours (condenſed into an acid Liquor by the coldneſs of the Earth) ariſing from the aforeſaid fermented Particles of the Mine. 4. Or laſtly, From a participation of all the aforeſaid three. From whence it comes to paſs (the Particles of the Mine which the Water is impregnated withal being moſtly Volatile) that upon evaporation, little or nothing of Salt or Vitriol is found remaining. This Artificial Liquor made the firſt way, (and made moderately acid) may be taken from a pint to ſix pints, but by degrees, and alſo a little warm, or made into Poſſet, uſing moderate Exerciſe after taking of it, and faſting till all the Water is gone out of the Body, which will be in about five or ſix hours. This Artificial Liquor made the ſecond way may be taken from one pint to two or three at moſt, with Obſervations, as aforeſaid. Theſe Waters open all Obſtructions, purge by Urine, cleanſe the Kidney and Bladder, help the piſſing of Blood, ſtoppage of Urine, and difficulty of making Water: They allay all ſharpneſſes of Humors, cure inward Ulcers and Apoſthumes, cleanſe and ſtrengthen the Stomach, Liver, Spleen, and Meſentery, and are prevalent againſt the Cachexia, Dropſy, Jaundice, Green-ſickneſs and Scurvy.

38. *To make an Artificial* Epſome-Water.

Be of the Mine of Alum, or Alum Stones, pouder very ſmall, and diſtil therefrom a certain acid aluminiſh Water, which muſt be mixed with a double quantity of Niter-Water, or Water of the Artificial Bath, made as we ſhall teach in lib. 3. cap. 1. ſect. 15. *of this Work. With this mixture you ſhall make Fountain Water a little acid, that it may reſemble* Epſome Water, *which has an acid taſt, partly Aluminous, partly Nitrous, proceeding from a Nitrous Air, and Vapours ariſing from the fermentation of the Aluminous Mine, mixed together, for that* Epſom Water (*as is ſuppoſed*) *paſſes through an Alum Mine. A few drops of this mixture, put into a glaſs of Fountain or*

Spring Water, will give it the odour and taſt of ſpring-water, ſo that you ſhall ſcarcely diſcern them aſunder, either by taſt, ſmell or Operation.

This Water is Purgative, and eſpecially purgeth out all ſharp Burning Humors; cools an Inflamed, and opens an Obſtructed Body; cleanſes the Kidneys and Bladder, cures inward Ulcers and Apoſtemes, prevails againſt a Cachexia, or evil Habit and Diſpoſition of the Body, and is good againſt a Conſumption. Fountain Water made acid with this Liquor, may be taken from one pint to ſix, but by degrees, and a little warm, or the cold taken off; or, which is beſt of all, in Poſſet Drink, uſing moderate Exerciſe after, and not eating till the Water is out of the Body, except ſome warm Broth, or Mace-Ale, to help the working thereof.

APPENDIX. II.

Concerning Viper Wine and Hyppocras.

39. *To make or prepare* Viper *Wine.*

℞ *choiſe Canary* ℔viij: *live Vipers* N°. vj, *or more, according to their bigneſs: ſuffocate the Adders in the Wine; then let the Wine paſs a gentle fermentation, and when it grows fine or clear, let it be drawn for uſe.* Or thus. ℞ *Canary* ℔viij: *live Vipers* N°.vj: *ſuffocate the Vipers in the Wine, then take them out, cut off their Heads, Skin them, and Unbowel them, and then put them into the ſaid Wine as before.* Or thus. ℞ *Canary* ℔viij: *Fat Vipers* N°.vj: *cut off their Heads, take off their Skins, and Unbowel them, then put them into the Sack; let them ſtand three, ſix, nine or twelve months, and draw off the Wine as you drink it.* Of theſe three ways, the firſt is by many accounted the beſt; but every one may uſe that which pleaſes them beſt, or beſt agrees with their Fantaſy.

I choſe to put the Viper-Wine

Wine (and that following) here, rather than in the Chapter of Wines, or under the Conſiderations of that Animal; for as much as it is a Liquor chiefly uſed to drink for Pleaſure, or to Pamper the Luſtful deſires of debauched perſons in this extreamly profane Age. It provokes very much to Venery, cures Conſumptions, and eradicates the Leproſy, and all other Corruptions of the Blood. Doſe *ab* ℥j *ad* ℥ij or ijſs, once or twice a day, as Morning and Night.

40. *To make the Common* Hypocras *of the Shops.*

℞ *Canary, White Wine or Claret* ℔xl: *or* gal. v: *Muſk, Mallow ſeed* ℥iij ℈j: *Cinnamon* ℥ijſs: *Ginger* ℥x: *Cloves, Nutmegs, A.* ℥v: *Mace* ℈v: *White Pepper, Cardamums, A.* ℈ijſs: *let all be bruiſed and put into a Bag, with a Stone in it to make it ſink, then put it into the Wine aforeſaid, where let all infuſe a quarter of a year, then draw it off, and bottle it up.*

Here is to be noted, That ſome boyl the Spices in the Wine, which they then ſweeten with white Sugar, and then let run through a Hypocras bag, bottling it up afterwards: but if you would have this or any other Liquor to be very clear, you muſt uſe the Tripple *Hyppocras* Bag (made of white Cotton or Flanel;) ſo what fæces paſſes the firſt Bag will ſtay in the ſecond, and what paſſes the ſecond, will ſtay in the third and laſt; you muſt ſo order them, that the point or corner of the one may hang in the Mouth of the other, and the point or corner of the third and laſt, in the Mouth of the Cup or Veſſel to receive the Liquor.

41. *To make excellent* Hyppocras *in an Inſtant.*

℞ *of the beſt rectified* S. V. ℔j: *Cinnamon* ℥ijſs: *Nutmegs, Mace, Ginger, A.* ℥v: *Cloves* ℥ijſs: *White Pepper* ℈j: *mix, and digeſt ten or twelve days ſhaking the Veſſel twice a day in a cold place, in a Glaſs very cloſe ſtopt, then preſs out the Tincture very hard. To the* Magma *or faces affuſe freſh* S. V. ℔ſs: *mix, digeſt, and ſhake as*

aforesaid for ten or twelve days more, then press out the Tincture very hard: Put this latter to the former: let them settle for four or five days, then decant the clear, which keep and reserve for use. Of this Liquor or Tincture you may take about a spoonful or somwhat more, and mix with a pint of your intended Wine, and it will become as good Hyppocras *as any whatsoever in a Moment.*

Here is to be noted, both in this and in the former, That if the Wine be of it self Harsh, it ought to be sweetned with Sugar (for thereby it is made far the more grateful;) and then stand till it is pure and fine before it is Bottled up. Both these are very Cordial; they strengthen and fortify the Head, Heart and Stomach, dry up Humidities, recreate the Spirits, and refresh the Body over-wearied with too much labor. They cause Appetite, are good against Fainting and Swooning fits, and mightily expel Wind, whether in the Stomach or Bowels.

CHAP. XXV.

Observations upon the Preparation of Chymical Medicaments.

I. *Observations on Vegetables.*

1. LET not the Vessels in which distillation is made be of Lead; for it infects the Liquor with a *Heterogene* quality, changing its native Tast, and sometimes making it *Vomitive:* nor yet of Copper, Brass, or Iron, lest the Liquor Extracts part of the Metaline *Tincture*, or otherwise Corrodes it.

2. Let the Furnace, Or Distilling place be in a *Chimney*; that if any thing should break, which contains a malign Fume or Vapour; it may go up the *Chimney:* it would be good also, That it might

might be in a Yard, diſtant from the dwelling Houſe, leſt any Rupture of Fire, through its extream violence, ſhould break out, and ſo ſet the whole place in a flame.

3. *Glaſſes* by how much the higher they be, by ſo much the better they are: for one *Diſtillation* is better than three *Rectifications*: let alſo the *Cucurbit* or Glaſs Bodies, be in their Necks about three or four foot high.

4. It is neceſſary to have *Rods* with *Iron rings* at the ends of them, of all ſizes, to *break Glaſſes off* withal in any place: which is done by heating it red hot, and putting it on the part to be broken, and holding it ſo long there, till it be very hot, and breaks aſunder; which may be yet helped, by dropping ſome *cold Water*, on the place where you would have it to break.

5. Many Veſſels ought to be *Luted*, eſpecially thoſe made of *Glaß*: The *Lute* is either for *Coating* or *Cloſing* the Junctures of Veſſels, that they may not give Vent, and alter the Nature of the Liquor, by letting the Spirits fly out, eſpecially when a ſtrong fire is uſed. The Lute for Coating Retorts. *Take Potters Earth, Horſe-dung, Sand, or Caput Mortuum of Vitriol, ana; mix and Work them together with common Water.* Lutum Sapientiæ, for cloſing the Mouths and Necks of Veſſels. ℞ *Calx Vive, (a little ſlaked with Milk) whites of Eggs reduced to Water, make it into Paſt,* which ſpeedily apply, becauſe it ſpeedily drys.

6. Fill not the Veſſels too full; for Liquors will boyl over; and more ſolid things will be one part burnt, before another is wrought on: of Gourds fill a quarter part: of Retorts the one half: of Copper Veſſels three parts; and in Rectifying of Spirits, let the Veſſel be half full.

7. Let thoſe things which are Flatulent, as Wax, Roſin, Fat, and the like; and ſuch things as eaſily boyl, as Honey, *&c.* be put in in a leſs quantity, and be diſtilled in greater Veſſels, with Salt, Sand, *&c.* Things of a more

solid Consistency, as Seeds, Woods, Roots, *&c.* may be distilled by Ashes or Sand, which are to well fitted, for Stones or Coals may break your Glass.

8. A *Balneum* is proper to distil things not too strongly compacted: in which, Herbs that are Hot, as Rosemary, Lavender, Sage, *&c.* are not to be distilled with too gentle a heat, lest as much insipid Phlegm as Spirit come forth: but Herbs that are cold, as Lettice, Purslane, *&c.* are to be distilled with a very moderate proportion, as of a Vapor, or Dew only, by which the *Empyreuma*, and dissipation of Spirit are both avoided. Now to make a *Balneum* almost as hot as Ashes: put Sand, or Sawdust into it, to make the heat intense.

9. If the Liquor has an *Empyreuma*, or Smarch of Burning, it may be helped by putting it into a Glass, and setting it in a cold and moist place, or else exposing it to the heat of the Sun, and now and than opening the Glass, that the fiery Atoms may exhale.

10. If you put Water into a seething *Balneum*, where Glasses are, let it be hot, else it may endanger the breaking of the Glasses; and in taking of the Glasses out, or from the fire, expose them not to the cold Air too suddenly, lest they break.

11. By a Brass or Copper Vesica are distilled not only thin things, but things also more gross, being first macerated in a proper Menstruum: so things dry by Nature, or dryed by Art, ought to be moistned and digested before hand with common water, Cider, Perry, Wine, or Spirit of Wine; so great a quantity as is sufficient for maceration, and then distilled in B. M. or Brass Vesica Tin'd within; adding to every pound of Herbs, six pounds of the Menstruum: and in the same manner all Aromaticks, as Roots, Barks, Peels, Woods, Seeds, Leaves, or Flowers are Distilled, so Oyl and Water comes forth together, which are to be separated.

12. By

12. By a Retort are diſtilled (not only the weighty Spirits of Minerals, but) the the Spirits of Roots, Barks, Woods, Gums, Reſins, Seeds, Fats, Oyls, Wax, Horns, &c. Where note, that both in this and all other Forms of Diſtillations, acid and ſalt things exhale their Flegm firſt, and their Spirit comes laſt: but in things thin, hot & fermented, the ſpirit diſtils firſt, the flegm afterwards.

13. To Digeſt in Horſe-Dung, you muſt make a hole in the ground, and lay a Courſe of Horſe-Dung a foot thick, then a courſe of un-ſlacked Lime half a foot thick; then another of Dung, then put in your Veſſel, and lay round it Lime and Horſe-dung mixt together: preſs it down very hard, ſprinkle it every other day with water, and when it ceaſes to be hot, take it out & put in more.

14. The Eſſences of Vegitables, lye much in their Salts: and therefore to every exaltation, it would be good to add either the Cryſtalls of its own Aſhes, or elſe of Tartar. This is evident, for a Lye made of the Aſhes of any Herb being frozen, will retain in the Ice, the very form & Idea of the Plant.

15. In diſtillation of cold moiſt Herbs, you need not ſo large Veſſels, nor ſo great a Fire, as for thoſe whoſe ſubſtance is thick, and compoſed of hot parts. The former muſt be diſtilled in B.M. the latter in Veſſels of Copper Tin'd; of which there are ſome called Refrigerants, which above the upper part that receives the Vapours, contains a ſmall quantity of cold water, to condenſe thoſe Vapors: others are called great Veſſels, covered with a Moors-head (ſo called from its form) with its beak and Serpentine, paſſing along a Veſſel filled with cold water. Theſe Serpentines are much before Refrigerants.

16. The common people (in diſtillation of Roſe Water and other Waters) make uſe of Leaden or Pewter-Heads, but the Vapors ariſing from the matter diſtilled, do gnaw and fret off ſome particles of the Metal, which

which very much changes the qualities of the water distilled, into the nature of Lead, thereby making these Waters oftentimes hurtful.

17. So also waters distilled in Copper Vessels, not Tin'd, corrode off and dissolve certain Particles of the Copper, which is known from the tart taste, and greenish residence at bottom.

18. Hence it appears, That those Metals are very unfit to be used in the Art of distillation; and since that Tin is the only Metal, that is able to resist the corrosion of Vapors arising from Vegitables; and that it will neither be corroded nor dissolved; it is requisite that great care be taken, that the insides of Copper Vessels be well Tin'd at least, or instead thereof, that their heads be made of absolute Lattin.

19. But in the distillation of Nightshade, Housleek, Plantane, Poppies, Henbane, white Roses, Lettice, Purslane, and other cold Herbs designed for Collyriums, and other outward uses; a leaden or Pewter Head may serve very well, because it rather adds virtue to those Waters, than diminishes it.

20. But the best method to distil Herbs that abound in moisture, is to distil their juyce; which if it be done in a moderate sand-heat, the water will ascend with some volatile Salt particles, by which it is made the more efficacious, and this efficacy will be increased, if you add also the fixed Salt of the Feces. Or rather to every quart of Water a dram of pure Niter, for this keeps the water for many years, and is more fit than its own Salt.

21. Herbs having an acid Juyce, as Sorrel, Wood-Sorrel, Barberry leaves, &c. yield their essential Salt, by taking their said Juyce, purifying of it, evaparating part of its humidity, and crystalizing of it, after the usual way.

22. After the same manner you may have the essential Salt of other juyce Herbs, which are bitter, and with

without Scent, as Fumitory, Hops, Endive, Succory, Dandelion, Carduus, common Thiſtle, &c.

23. Theſe Salts are generally ſoul and cloudy, and therefore may be purified, which is done by diſſolving them in a Lixivium made of the fixed Salt of the ſame Herb; then filtring the diſſolution, evaporating and cryſtalizing, as aforeſaid.

24. Waters are drawn off of the matter without digeſtion: Oyls are drawn off of the matter being digeſted and putrefied: Spirits are drawn off from the matter being fermented. Hence it appears,

25. That Spirits are Oyls dilated: Oyls, Spirits concentrated, the one raiſed from putrefaction; the other from fermentation: and that both Oyls and Spirits are a portion of Volatile Salt ſublimed and expanded, or dilated in its own humidity.

26. But ſuch things as by their Fragrancy and Odour ſhew a previous natural Fermentation, need no artificial ferment, for they yield their ſpirit without it: and an artificial or forced Fermentation, would cauſe a diſſipation of the chiefeſt part of their ſulphury and volatile parts which are ſought for.

27. In this caſe, If you bruiſe the matter to be diſtilled (taken when the Herb is full of Vigor, and between flower and ſeed) and add thereto three times its weight of fair water, or (which is better) of its own diſtilled water; you need but digeſt 2, 4 or 5 dayes (not ferment) in a gentle heat, and in a blind head: then, at the end of the time, to diſtil with a Moors head and a ſerpentine, ſo long, till the water diſtilling has neither Taſt nor Smell: you will have a volatile ſpirituous liquor, which being impregnated with the fixed Salt of the Fæces, you may rectify in B. M. wherein the ſpirituous Liquor, and volatile Salt will firſt aſcend with the oyly part, which two Liquors ſeparate according to Art, caſting away the watery and unprofitable part, remaining in the Veſſel after Rectification.

28. But

28. But before you caſt away the aforeſaid remaining watery part, you may, if you ſo pleaſe, ſeparate from it the former fixed Salt, you added. And after this manner are diſtilled all hot, bitter, and odoriferous Plants, as, Wormwood, Horehound, Sothernwood, Savory, Baum Hyſſop, Time, Mint, Penny-royal, Cammomil, Sweet-Marjoram, Roſemary, Sage, Lavender, *&c.*

29. Experience has alſo Confirmed, That if the aforeſaid diſtilled Liquor (at Sect. 27.) before rectification, be often Cohobated upon the Feces, (*viz.* 6, 8, or 10 times) the volatile Salt will ariſe the more largely; and in the Proceſs, almoſt all the fixed parts of the Matter will aſcend and become Volatile, which is a Note worthy of Obſervation.

30. And, in this Caſe, if you make the Tryal, the fixed Salt remaining in the fæces, after ten Cohobations, will not be the tenth part of the ſaid Salt, lodged in the ſame, before the firſt Cohobation. Hence it appears,

31. That *THAT* which wee call the fixed Salt, is no ſuch thing by Nature, but wholly Volatile, and is rendred otherwiſe only by Incineration, or the fire. How eaſy then may it be to render this Fixed Salt Volatile again, or to reſtore it to that State, to which it naturally aſpires? It is certainly done by looſening it from the Chains of the fire.

32. Scurvy-graſs, Horſe-radiſh, Brooklime, Water-creſſes, Garden Creſſes, Rocket, *&c.* may have a different way of Diſtillation from the former: for as they abound with more volatile Spirits, and more volatile Salts: ſo they admit yet leſs of fermentation, and therefore ought to have a proper menſtruum (ſtronger than common water) which may attract diſſolve, and joyn with the Eſſential parts of thoſe Plants, and carry thoſe parts along with it in Diſtillation, without changing their natures and Virtues.

33. To this purpoſe we recommend to you *March* Beer, ſtrong clear and well made

made Rheniſh-Wine, Cider, Perry or Mead: as alſo ſpirit of Wine, as proper Menſtruums. Take a Quantity (as much as you pleaſe) of the Herb you deſign, when it is in flower: ſhred it ſmall, put it into a Copper Veſica tin'd, upon which pour as much Mead, Rheniſh Wine, &c. as well cover the Herbs three or four Inches over: place it in a proper Furnace covered with its Moor's head and ſerpentine adjoyn'd: digeſt without fire for about 24 hours: then diſtil (but not too haſtily) that the ſpirituous and volatile parts of the Herb may aſcend: continue the Diſtillation till the Drops that fall are almoſt inſipid.

34. But that you may have a more repleniſh'd Spirit, empty the Veſica from the Fæces: put into it the ſame quantity of bruiſed herbs again, upon which pour all the aforeſaid diſtilled water, and its equal quantity of wine, which digeſt and diſtil, as aforeſaid. The diſtillation being over, put in again freſh herbs, pouring upon them the laſt diſtilled liquor, which digeſt, and diſtill, as aforeſaid, repeating the diſtillation till you have a Spirit ſtrong enough. This done, rectify in B. M. or in a ſand heat, keeping the ſpirit repleat with the Volatile Salt, which aſcends firſt, apart by it ſelf in a glaſs Bottle cloſe ſtopd: and in another glaſs put the ſpirituous water, which followeth the former, continuing the diſtillation till the drops are almoſt inſipid.

35. After all the primary diſtillations (before you come to rectification) there are great Sediments, the thinner part of which you may ſeparate from the fæces by Expreſſion: after which being clarified, you may by abſtraction of the ſuperfluous humidity, reduce it to the form of an Extract, with which you may mix the fix'd Salt of its fæces aforeſaid: thus have you all the parts of the Plant, wherein any imaginable Virtue does reſide. This Extract is of the Nature of the Herb, and may be given either alone

in

ira *Bolis*, or else dissolved in some proper liquor *à* ℥ss *ad* ʒ ij or iij.

36. The distillation of Flowers is best done, being before-hand pickled with Salt. Suppose Roses: Take of the Flowers ℔ 50. bruise them in a stone Mortar with a wooden Pestle, and strew them, by degrees with Bay-Salt finely poudr'd ℔ jv: put the whole into a large Pitcher or two of Potters earth, or earthen Jars with narrow Mouths: croud the Flowers hard in, and stop the Mouth of the Vessel so firmly with Cork and melted Wax, that no Air may penetrate it. Set the Vessel so stopt in a Cellar for 6, 8, 10 or 12 Weeks: so will the flowers when open have a kind of acid and wine-like scent, Which is a sign of their Fermentation. Take of these Flowers ℔ j or ij: and in a glass Cucurbit, in B.M. distill to dryness: Take the Fæces out of the Cucurbit, and put into it again ℔ vj or vij of the pickled flowers, and the first distilled water, and distil in a sand-heat, with a gentle fire (as before) till the humidity is almost all come over. Then put in new flowers, pouring upon them the last distilled water, and distill again, as aforesaid; repeating this work so long as you have any flowers remaining. This done.

37. To make a rectification. Put a small part of the former water into a Bolt-head, and in B. M. with a gentle fire, draw off about the twelfth part, which keep by it self: put in more of the former water, and do again as we have just now directed, repeating the same work, till all the first water at Sect. 36. is rectified. Put all these twelfth parts together, which keep in a bottle with glass stopple. All the remaining waters also put together, and continue rectifications at several Repetitions, till you have all that is spirituous. The spirituous Liquor keep in the Bottle with a glass stople, rectify anew, in an evaporating Bath in a Bolt head, having a long neck, perfectly luted; so have you an Æthereal inflamable spirit, loaden

with

with Volatile Salt: which if it be of Roſes, you may call it *Spiritus Roſarum*, or, Spirit of Roſes. The Remains of this Rectification put to the former water, ſo have you an excellent Roſe-water, much better than you can draw by any ordinary means, which keep in Glaſs bottles cloſe ſtopp'd.

38. If you keep theſe Bottles in a Cellar a while, new oyl will aſcend by degrees to the top of the water: and ſwim above it in little flakes, almoſt like Snow, which you may ſeparate according to Art. This is *Adeps Roſarum*, Fat of Roſes.

39. Now, if you deſire the *Adeps* rather than the *Spirit*, you will ſooner have your deſire, by rediſtilling ſeveral times the aforeſaid Roſe-water upon new Roſes, for freſh and new Roſes yield more Oyl by far, than thoſe that are pickled or fermented.

40. But there are ſome, who only macerate Roſes in Wine, *ana*, for ſome dayes; then diſtil; which is indeed a much ſhoter way; but far inferior to the former, becauſe you have a mixture of S. V. with your Water or ſpirit of Roſes.

41. From the remains of all the Diſtillations, you may make a purging Extract of Roſes (by Sect. 35.) and from the fæces calcin'd, you may Extract a Salt, by elixiviation, which may be mingled with the Extract. Doſe à ℈ſs. ℥ij. or ℥iij.

42. Some perſons diſtil Roſe Water by deſcent, by putting the Roſes about an Inch thick, upon a fine Linnen cloth, tyed upon the top of a large glaſs Veſſel, or of glazed Earth, and applying over it, the bottom of a flat diſh of white Lattin, or ſome other ſuch like Veſſel, fitted to the compaſs of the Roſes or mouth of the Receiver, having the inſide of its hollowneſs covered with Aſhes, about half an Inch thick, over which is put ſoft burning Coals. By this means the water diſtills into the Veſſel underneath. This is not ſo good as that we have formerly taught, yet not to be deſpiſed.

43. La-

43. Lavender Flowers are too dry to be distilled as Roses. In this case, you may put upon them Lavender Water distilled from the Herb, and distil in a Copper Vesica, well Tinn'd, fixed with its Moors Head and Serpentine, being first macerated in a very gentle heat for three or four days space. Repeat the Distillation by many affusions of the distiled water, upon fresh flowers, (as at Sect 39.) so have you Oyl and Water, which separate. Thus may you distil Rosemary-Flowers, and all other hot Flowers, which are naturally dry of substance.

44. But if instead of the Water of the same plant, you take the Spirit of *May-Dew* (see our *Pharmacopaa Londinensis, Lib.* 3. *Cap.* 14. *Sect.* 32.) and *Aqua de Stercore bovis* (in *Lib.* 2. *Cap.* 1. *Sect* 7. of this present work) of each equal parts, putting them upon the Flowers, and then Distil in *Balneo Vaporoso*, by a large glass Cucurbit, you will yet have a more excellent and odoriferous Water, replete with Volatillity and Spirits, in much greater abundance.

45. But to draw inflamable Spirits and odoriferous, from all sorts of Flowers, will be a thing very difficult, unless you conjoyn with them some other parts of the Plant, as Seeds, Fruit, Peels, Rinds or Roots, *&c.* To the Canker Rose, add their Hips bruised; and to the Garden Roses theirs. To the sweet Eglantine or Sweet-Bryar its leaves: To the Flowers of Rosemary, Sage, Marjoram, Mint, Betony, Bawm, Lavender, Time, Gilliflowers, Violets, Jessamine, *&c.* their seeds well bruised. To Flowers of Peony, Angelica, Parsly, Dill, Fennel, Flower-de-luces, Lillys, *&c.* their seeds and roots bruised. To the Flowers of Oranges, Limons, Citrons, *&c.* their Fruits well stampt, the Rind or Peel chiefly. To the Flowers of Elder, Dwarf-Elder, Petty Mugget, their Berries well bruised, *&c.*

46. But in this last case, there is a special necessity of Fer-

Fermentation, for that is the Soul of Vegetable Spirits, as putrefaction is the Soul of their Oyls. If when the Flowers are mingled with their Seeds, there be not humidity enough to facilitate the Fermentation, you must to your bruised Flowers, Seeds, &c. put a little Wine, or some other Liquor, and then add Leven or Yest, to raise the fermentation: Or dissolve your Leaven or Yest in the humidity you add, mix it with your flowers, Seeds, &c. then put them into a double Glaz'd earthen Pitcher, pressing them hard down, which stop close with a Cork, and Wax melted over it, so keep it till it is somewhat sowrish, or has got a Wine-like Scent; then distil the matter in a Glass-Cucurbit in B.M. so have you an ardent inflamable Spirit, strongly repleat with the Odour of the Flowers, which you may distil upon new Flowers, and rectify, as we have formerly taught.

47. But because it is not always possible to have those other parts, when the flowers are in their prime; you may chuse some forraign matter for a foundation of their Fermentation, as Sugar, Honey, or Manna, to every lb or ℥xij of Flowers, ℥ij of Sugar, Honey or Manna, &c. to which put some other liquor, if their dryness require it, and a little Leaven, as aforesaid. By this method you may distil all Aromaticks and Odoriferous Plants, and so obtain their Odoriferous and inflamable Spirits.

48. We have taught the Distillation of Carminative Seeds, in our *Pharmacop. Lib. 4. Cap. 3. Sect. 4.* by which way you will have Spirit, Oyl and Water, which you must separate. The Distillation you may many times repeat upon new bruised Seeds, by pouring continually the last distilled water upon them and then proceeding in all things, as in the first Distillation; so will you have much Oyl and a spirituous water, repleat with the Volatile Salt of the same Seed. This continual Co-

hobation of the ſame water upon new Seed, gives you a much larger quantity of Oyl, than otherwiſe you would have. And here note, that a maceration of the Seeds three or four days, before Diſtillation, will cauſe a larger quantity of Oyl to aſcend, than a maceration of twenty four hours, as is uſual.

49. But if you deſire the Oyl chiefly; the ſeeds being bruiſed, and put into their proportion of Water, put them into a glaſs Cucurbit, which cover with a ſtrong Head well luted, putting them into Horſedung, (ſo deep as the matter is high in the Glaſs) where let them putrify for about 3 weeks, ſo will you have a larger quantity of Oyl than the other ways. Some mix Salt of Tartar with the bruiſed ſeeds, hoping thereby to get the more Oyl, but they that conſider how eaſily fixed Salts conjoyn themſelves with Oyl, may otherwiſe be convinced of that fallacy, than by being beholden to Soap-Boylers for a Demonſtration.

50. The Volatile Salt of Vegetables is ſo ſubtil, and ſo intermixt with other ſubſtances, that it is a difficult thing either to ſeparate or to diſcern it, unleſs it be very plentiful, and than it will ſhew it ſelf by its ſmell. In cold herbs it is imperceptible, and inſeparable from its adjoyned matter. But from hot biting Herbs, as Creſſes, Scurvy-Graſs, Muſtard, Charlock, *&c.* it is evidently apparent.

51. Theſe kinds of ſeeds have various ways of Diſtillation: 1. By bruiſing of them, adding hot water or Rheniſh Wine, ſtopping them up in an earthen Veſſel, and digeſting three or four days in a gentle heat to cauſe fermentation (which is here cauſed without Leven) and then diſtilling (by Sect. 46. and 48. aforegoing;) by which the Spirits, Oyls and Volatile Salt come forth mixt together.

52. Or, you may to the bruiſed Seeds, put S. V. rectified

dified, and in a glass Cucurbit, distil by B. M. or in Sand with a moderate fire, so will you have an Oyl and a Spirit, well filled with the Volatile Salt of the seed.

53. Or you may put the Seeds whole and without addition into a glass or earthen Retort, filling about ⅔ of it it; then placing it in a Reverberatory furnace, and luting it to a Receiver, make a gradual fire, very small at the beginning, which augment by degrees for 10 or 12 hours) to extremity of heat, so will you have in the Receiver Flegm, Spirit, Oyl and Volatile Salt all mixt together, which afterwards rectify in *B. M.* or sand in a gentle heat, in a Bolt Head, having a long neck, *&c.* By this rectification the Volatile Salt will ascend, and coagulate like a white Crystaline matter, which you may preserve by it self, by unluting the Head and putting another in its place: but you must speedily and with great care put the Salt into a glass bottle, having a glass stopple, that it may not exhale nor dissolve into Liquor.

54. Proceed in rectification; so the Spirit and Oyl will ascend together, which last will swim upon the Spirit; and the watery part and balsamick or grosset part of the Oyl will remain at bottom, which by reason of its ill smell, may be for outward uses, in all cold affects.

55. Berries having an aqueous Juyce, as Elder, Dwarf-Elder, *&c.* ought to be juyced, which juyce is to be put into an Oaken Barrel, and set in a Cellar to ferment, till it becomes Wine, somewhat intermixt with acid. Then cap the Vessel a little above the Fæces, and put the clear Liquor into a Copper Vesica, tin'd within; to which affixing its Moors Head, Serpentine and Recipient, distil with a moderate fire, till about ⅔ of the Liquor is come over, so will you have a burning and inflamable Spirit. What remains in the Vesica, you may separate from its sediment, and the clear part, reduce to the form of an Extract, adding

the Salt of the first Fæces.

56. In the Distillation of Juniper-berries, and such other like, which have a melliginous juyce, consider whether you design to have the ardent or burning Spirit, or the Volatile Oyl. If the former, by reason they want native moisture, you must to the bruised Berries add Rain Water or Wine, with some Leaven or Yest, and Honey, Sugar or Manna, to hasten a fermentation, (as we have taught at Sect. 46, and 47. aforegoing) then distil, so will you have a burning or inflamable Spirit, with some Oyl.

57. Or, to the bruised Berries, you may put rectified S. V. (as we have taught at Sect. 52.) digest three or four days, in a very gentle Sand-heat, then distil with a moderate fire, so will you have an inflamable Spirit, repleat with the best and the most volatile part of the Berries.

58. If you design to draw Oyl, first bruise the Berries well, and put to every lbiij of Berries, water (almost boyling hot) lbij: put them up into an earthen Pitcher, which stop close with Cork and Wax: putrify for ten, twelve or fourteen days, in a gentle Sand heat, then distil in a Copper Vesica (tinn'd within) with its proper Moors Head, Serpentine and Recipient, so shall you have a water Repleat with Volatile Salt, Spirit and Volatile Oyl, white and odoriferous, which Oyl will swim at top, and must be separated according to Art. The water you may rectify in B. M. or a Sand heat, in a Bolt-Head, casting away the aqueous part remaining at bottom, after distillation, unless you design a Cohobation upon new Berries, by which means you will have more Oyl, and the water will be the more spirituous, and repleat with a Volatile Salt.

59. From the Berries and Water remaining at every distillation, you may make a melliginous Extract, having a kind of substance like Honey, containing the Balsamick and fixed Salt of the Berries, thus: The Vessels be-

being cool, strain and press out what you can from the skins and seeds, which clarify and in a glazed earthen Pot, Evaporate the superfluous humidity, over a very gentle fire, till that which remains be as thick as an Extract; to which add the Salt of the expressed Faeces made by Calcination, Elixiviation, Evaporation, &c. This Extract *Helmont* cryes up for an excellent Purge; for it gently carries off bad humors, strengthens the Stomach and Bowels, expells Gravel, Wind and Poysons, eases pain, provokes Urine, and cleanses all the urinal passages. Dose à ℥ij: *ad* ℥ss. With this you may make up several Electuaries and Treacles, but when in those cases you use it, you ought to make it of the thickness of new Honey, by adding a sufficient quantity of its own inflamable Spirit, with a small portion of its Oyl.

60. In the distillation of Wheat, Rye, Barly and Oats, if you design a burning and inflamable Spirit, the Grain ought to receive a previous fermentation, by being converted into Mault, and then by the Art of the Brewer, by the affusion of a large quantity of boyling water, digestion and proper fermentation with Yest, to be converted into Beer or Ale; This Beer or Ale, if distilled (in all respects) as you distil Wine, to get the Spirit of Wine (to wit, in a Copper Vesica, with its Moors head, Serpentine and Receiver) yeelds an inflamable Spirit, vastly repleat with the Sulphur, or volatile Oyl and Salt of the Grain, altogether as strong, subtil and penetrating, as is that of Wine, and perhaps if drawn with care, and in double Vessels, full as pleasant and virtuous.

61. Or if you take Meal of Wheat, Rye, &c. and make it into Bread with a good quantity of Leaven: if to this Bread you affuse Rain Water, and cause it again gently to ferment, then destil in a copper Vesica, &c. Or otherwise in a glass Cucurbit in B. M. you shall have a water repleat with a good quantity of inflamable Spi-

rit, Oyl and Volatile Salt; all which by Rectification you may separate, as we have before taught.

62. And now whilst I think of it, let me tell you, that it is the nature of fixt Alcalies to destroy the power of Acids, they being opposite one to another in nature; for Salt of Tartar, being put into stale Beer, makes it work afresh, and become New (as it were) again; it also purifies and preserves water from all filth, keeps it sweet from stinking, and if put in, in a due proportion, makes it drink not much unlike Milk: but if you put in too much, it will make it tast so much like Piss, that it will not be porable. Now in putting in of Salt of Tartar into a barrel of stale or hard Beer, whereby it is provoked to a new Fermentation, although it may make it tast like new drink at present; yet if it be kept long, it will unavoidably become Acid again, then flat, insipid and dead, by reason that a large quantity of Spirits are certainly wasted by such a new working.

63. From Wheat, Rye, &c. you may distil a Flegm, Spirit, Oyl and Volatile Salt, thus; fill about ⅔ of a glass Retort, well luted, with the Grain you desire to distill, which place in a close Reverberating Furnace, and distil with a gradual fire, according to Art, so shall you have a good quantity of Flegm mixt with the Spirit, Oyl and Volatile Salt which you may rectify in a Bolt-head, with a long neck in a sand heat: by repeating rectifications, you will have a volatile, white, crystaline Salt, or a very penetrating Spirit, containing the said Salt, which will be dissolved therein; and also a volatile Oyl very penetrating, united to some few Particles of the volatile Salt.

64. The ardent Spirit of these kinds of Grain, at Sect. 60. is of the same nature, properties, qualities and virtues with Spirit of Wine, and may serve to the same uses. The other volatile Spirits and Salts are Sudorifick, attenuating

tennating and expelling hurtful humors through the Pores, either by Sweat, or insensible transpiration: They are powerful against Poyson, Plague, and other Epidemick Distempers, and very effectual against Asthma's, Pleurisies, and other Diseases of the Breast and Lungs. They help respiration, and dissolve coagulated Blood, provided it be given before it be turned into corruption. Dose ℈ ij. ad ℈ iij. in Broth, Wine, or other Vehicle. The Oyl is most commonly used externally in cold pains, Gout, Rheumatisms, Palsies, Numbness, &c.

65. From Pease, Tares, and Beans (in a Reverberatory Furnace) there is to be got a great quantity of volatile Salt, and in much larger proportion, and with more ease than from any other grain whatsoever, which without doubt is most of it the very body of the fixed Salt, (made fixed by incineration) which is found in a large measure in these kinds of substances.

66. Take Beans ℔ iij. or v. whole and dry, put them into an earthen Retort, or a glass one well luted, so large as that about ⅓ may remain empty: put it into a close Furnace of Reverberation, lute to it a large Recipient, stop the Registers of the cover of the Furnace, and then kindle in the Cinder-place a small fire, only to warm the Retort, and matter within in, which keep so for an hour, then begin to kindle a fire in the Hearth-place, which let be very small, for an hour longer, after which increase the fire *gradatim*, from hour to hour, but not to excess: in the mean season you may see descend into the Receiver, the Aquæous part of the Beans, in large quantity. After this give a little Air to the Register of the cover of the Furnace on the Receivers side, continually augmenting the fire, till you see the great Ball to be filled with white clouds, which will condense by degrees into Liquor, the oleaginous and salt parts sinking to the bottom of the

Veſſel, keep now an equal fire, for about two hours, giving a little air to the Receiver, after which open it for altogether, giving a more violent heat, and at length a flaming fire, which continue till the vapors ceaſe, and the Receiver is clear. Let then the fire go out, and the Veſſels cool. In the Receiver you have much Flegm mixt with Oyl and Spirit, and volatile Salt, ſo penetrating, that you will not be able to hold your Noſe and Eyes over the Mouths of the Veſſels.

67. Put all theſe matters ſpeedily into a Bolt-head, with a long neck, covered with its Head well luted, and fitted with a beak and Receiver, place it in a Sand heat (but in a cool airy place) ſo may you ſee the Volatile Salt aſcend by little and little, and coagulate it ſelf in the Head, (which you muſt often cool by double cloths, dipt in cold water, to hinder the diſſolution of the Salt,) this Salt with what ſpeed may be take out of the Head, and keep it in a glaſs Bottle well ſtopt, and in a cool place, for it turns into liquor with the leaſt heat, and ſooner than any other Volatile Salt; but you muſt have another Head ready to put on in the place of the former, whoſe junctures being well luted, continue the Rectification; ſo will you have in the Recipient the reſt of the Volatile Salt diſſolved in a little of the Flegm, with the Volatile Oyl, which you may ſeparate, and keep by part: the uſeleſs Flegm, and ſtinking pare of the Oyl remaining at bottom of the Matraſs.

68. This Volatile Salt of Beans is a ſtrong Sudorifick, and one of the moſt ſubtile and volatile Salts that is, being of the ſame uſe with all other Volatile Salts: it is good againſt Palſies, Cramps, withred Limbs, Epilepſies, Apoplexies, Gouts, Rheumatiſms, Gholicks, and other Diſeaſes of the Head, Brain, Womb, Nerves and Joynts: it kills Worms, and is admirably good in fits of the Mother; the Oyl is alſo of the ſame Virtue. You may mix

mix it with Oyl of bitter Almonds, or Oyl of Ben, and anoint with it the Stomach, Navel and Belly. In Diseases of the Brain and Womb, put up the Nostrils. You may give inwardly in a proper Vehicle a grain or two. Thus may be drawn the Salts, Spirits and Oyls of Kidney Beans, French Beans, Peale, Vetches, Lentils, and other sorts of Pulse. Where Note, that after this Distillation the fixt Salt of the Faeces is scarcely one eighth part of what it would be in an open Calcination, by which its natural Volatility is expeared. The same thing (but in far different proportion) you will meet with in Woods. The Salt of Guaiacum, drawn from the Faeces remaining in the Retort, will not be the twentieth part of what may be found in the same Wood, by an open Calcination.

70. In the Distillation of *Lignum Rhodium* you must follow the Method in distilling of Dill-seed, as we have taught in Our *Pharmacopaia* [illegible] only with this difference, That the rasped Substance, or Powder of the Wood being macerated in [illegible] Weeks before Distillation. The Water may be much of the same use with Rose-water, not being very different in scent, the same observed in all other Aromatick Woods.

71. In Our *Dispensatory*, we have taught the way to distil Spirit and Oyl of Soot, wherein you have this to Note, That the Volatile Salt comes with the Flegm, Spirit, and Oyl, which are to be rectified in a Bolt-head with a Sand-heat, and a Head and Receiver well Luted. A gentle fire makes the Volatile Salt to ascend first, white and Crystaline into the Head, which renders and perfect the Rectification by Salt from the foregoing. The Volatile Spirit, Oyl, and Salt are strongly Sulphureous, and operate much like to the Volatility of Animals. The Salt is given a grain, the Oyl a gut. ij or iij. The Spirit a ℈ss or ij. It partakes much of the Virtues of the Volatile Salt, a great part whereof it contains.

72. Gourds

72. Gourds, Cucumers, Melons, and the like cold Fruits, contain little Spirit or Volatile Salt, and therefore yield only an insipid Elegm, or very little more, for which cause sake, you may distil them Pulp, as you distil Lettice, Purslane, and other cold Herbs.

73. But Musk-melons by their scent do demonstrate some thing more of Volatility, for which reason you may cause them to ferment, then distil in B.M. or Sand heat very moderate to fetch the odoriferous, volatile, and ardent Spirit first ascending, then the Flegm or Water which keeps apart. They are said both to cool, cause rest, and are good in Intermitting Agues and Fevers, being inwardly given: outwardly they Smooth and Beautify the Skin.

74. The Oyl of *Guaiacum* distilled by the addition of Water, as you distil the Oyl of *Lignum Rhodium*, is said to be an admirable thing in Diseases of the Bladder, and to purify the Mass of Blood. And some affirm, That by continuing the use of it for some Weeks, a gut. vj. xij. in its own Water from gij. to ℥iv. ℥vj. or viij. it will drive out, and carry away through the Pores of the Skin, the whole Venereal Venom, without any use of Mercury, especially if it be not too inveterated. It also cures Venereal Ulcers in the Mouth. The Oyl which is distilled by a Retort, by reason of its ill scent, is never given inwardly.

75. Citrons are distilled (being first cut or bruised) in a Glass Cucurbit, filling it half full. Lute to the Receiver, digest a day and Night, then distil in B.M. or in Sand with a moderate fire. The Juice is seldom distilled alone, but only purified, for the dissolution of Pearls, Coral, and such like. But the aqueous part, you may separate in B.M. so will the remaining Juice be more acid than ordinary.

From the outward yellow rinds of Citrons you may distil an Oyl, thus: Put the said Rinds into a Glass Cucurbit, upon which put Rain Water to cover top three

three or four fingers, cover and lute it well: digest ten days in a moderate heat, then distil in Sand by a gentle fire, so have you a fragrant Water with a little, yellow, odoriferous Oyl, of a very sharp and penetrating Taste. You may give a gut. ij. ad viij. mixed with fine powdered Sugar, and then dissolved in 3ij or iij. of its Water. It is good against all malign, pestilential and epidemick Diseases, expelling the poysonous Miasma by insensible transpiration. It is good against all cold Diseases of the Stomach, comforts the Heart, and helps the Palpitation thereof, curing also most cold and moist Diseases of the Head and Brain; and is very effectual against the Biting of Vipers, and all sorts of Serpents. With Oyl of Nutmegs by Expression, you may make of it an excellent Balsam to the same Intentions.

Cherries Red and Black, Bramble-berries, Raspberries, Mulberries, and Straw-berries, admit of the common way of Distillation. If you desire only a Water, bruise them, and distil in a Glass Cucurbit in B. M. so have you a Water of a pleasing Taste and Scent. But if you would have a Burning and Inflamable Spirit, you must ferment them (without any addition) whether you use the juyce or the bruised Fruits. You may know when the fermentation is at height, by the Winy Scent, which will be in about four days time, being digested in a gentle heat in Sand; and which you may perceive when you unlute the Vessel: being fermented, put the matter into a Glass Cucurbit, cover it with its Head, Lute it, and distil in B. M. or Sand with a gentle fire, so will you have ascend, first a Volatile, Inflamable, Odoriferous Spirit, which keep by it self in a Glass Bottle, with a Glass Stopple A continue the Distillation, and you have a Water also.

The Water of Green Wallnuts is distilled after the general Method, but you will do well, if you make many Cohobations of the Water distilled upon green Wallnuts

pure every time, and at last add thereto the Salt of the feces, or rather to every quart thereof, a drachm of the most pure Niter, which may keep it better than its own Salt: by this means, it will not only keep longer, but be of much greater Virtues.

79. In the Distillation of Wine, principally French and Rhenish Wines, there is not above a sixth part Spirit, the rest is a kind of Flegm with an Acid. For this Flegm being evaporated away to the thickness of Honey, and then distilled in a Retort in a close Reverberatory Furnace, you will have an Acid Spirit, which lay in the Wine before Distillation, mixt with a good quantity of Flegm and a dark coloured Stinking Oyl, of no great use: At last remains a feces, which may be calcined, and a Salt drawn from it by the common way of Elixiviation.

80. This Spirit of Wine (commonly called Brandy) being so much separated from its Flegm, as that being fired, it will either Burn all away, or fire Gun-powder, is called rectified Spirit of Wine, being a Body incorruptible, and able to preserve what it keeps within it self from Putrefaction. It is excellent against Gangrens, removes all Corruption from the pores, opens the Passages, quickens the Circulation of the Blood, agitates the Spirits, removes Running sores, and is an admirable experiment against Burnings.

81. However this Spirit (though very pure) contains some small matter of Flegm, which may be lessened very much by rectifying it upon a fifth or sixth part of its weight of well dryed and pure Salt of Tartar. This rectification you may repeat upon the Salt, (drying it every time) till you have a Spirit of Wine wonderful strong, and of a good Scent, which work you may repeat four, five, six or seven times as you see convenient. Lastly, putting it into a Bolt-head, you may in a Luke-warm B. M. rectify it again: so have you a most pure Spirit, which

which some call Tartariz'd Spirit of Wine. Ten or twelve Drops of this taken inwardly, will operate more than a spoonful of the former.

82. But the former (though a most pure Spirit) can in no wise be called Tartarized Spirit of Wine, for as much as it has carried along with it no part of the Salt of Tartar. And because we desire not to leave you in the Dark, we shall here give you the rational Process. Take pure fine Salt of Tartar, put it into a Glass Cucurbit, large and high, pour new Rhenish Wine upon it by little and little; so will an Ebulition or fermentation follow (raised from the acid of the Wine, and Alcaly of the Tartar:) continue pouring on Wine by degrees, till the Ebulition ceases, and then cease the putting on of more Wine. Let the Cucurbit be of that bigness, that it may not be above ⅔ full: put it in a Sand Furnace, exactly lute the Junctures of the Head and Recipient, and draw off a Spirit with a strong Charcole fire, that the Salt of Tartar which is heavy, and slow to ascend may arise with the Spirit of Wine: continue the Distillation with the same fire, till you perceive the Flegm begins to ascend; then cease, so have you Spirit of Wine, repleat with Volatile Salt of Tartar.

83. This done, evaporate the remaining Flegm; dry and calcine the Sediment, and upon every ounce of Salt of Tartar, pour a quart of well purged, Green, Anstere, and new fermented Wine, then Lute and distil, as before. Reserve the Spirit by its self, and from the fæces evaporate the Flegm, dry and calcine, *&c.* pouring on more Wine, and renewing all the aforegoing Operations, till all or most of your Salt of Tartar is ascended with the Spirit of Wine. For by this Work oft repeated, the utmost grain of the fixed Salt of Tartar may be rendred Volatile. This Spirit of Wine tartarized, you may rectify as aforesaid, to what

what degree of Purity you pleaſe.

84. Now whereas Wine is nothing elſe but the *Muſt* or Juyce of Ripe Grapes, whoſe Spirituous parts are ſet at Liberty by fermentation; it is more or leſs groſs, according as its fermentation is leſs or more, by which it more or leſs abounds with Tartar, and leſs or more with Spirits. And therefore French Wines being better fermented yields more Spirits, than Spaniſh or Canary Wines, which are a kind of but half fermented Wine. For Spaniſh Wine does not endure a fermentation ſo ſtrong as other Wines, and that is the reaſon it is both ſweeter and more glutinous than other Wines more fermented. *Muſt*, or juyce of Grapes is anſwerable to *Wort* made of Malt, before it is wrought up with Yeſt: if therefore you diſtil either *Muſt* or *Wort*, you will have a great deal of inſipid Flegm or Water; after that a foetid Oyl; then a few weak acid Spirits, being ſome of the Eſſential Salt diſſolved; and at bottom an Earthy Maſs, out of which by Calcination and Elixiviation, may be drawn an alcalious Salt: but out of the whole you ſhall not get one drop of Burning or Inflamable Spirit. Now, if you let this *Muſt* or *Wort* but ferment, they turn into Wine or Ale: this fermentation is made by its Eſſential Salt, which being Volatile delivers it ſelf from the aforeſaid Oyly parts, and divides, peirces, or breaks them to pieces, and by its ſubtilty rarifies them into Spirit; whereby the ſaid Liquors become Wine or Ale: and according as this fermentation is more or leſs, ſo are they more or leſs ſpirituous, and leſs or more ſweet and glutinous; and in Diſtillation yield more or leſs Burning and Inflamable Spirit: for the Spirit of Wine or Ale, is nothing but the Oyl divided, rarified, and exalted by the Eſſential Salt. And ſince that in Spaniſh Wines, part of the Flegm is evaporated before fermentation, whereby the Eſſential Salt has not liberty to ex-

pand

pand it self, and rarify the Oyl, as it otherwise would do, it comes to pass, that there is but an imperfect, and as it were half fermentation: for the Oyl being but half subtiliz'd, has still strength enough to hinder the Tartness of the Salt, and to keep the old Sweet Tast of the Liquor. And this is the true reason, That although Spanish Wine is much stronger than any French Wines, it yields much less Spirit than they, because the Spirit of Wine does consist in a rarified Oyl repleat with Essential and Volatile Salt.

85. The Crystals of Tartar, will only dissolve in hot Water, always Coagulating as the Water grows cold. These Crystals are the Essential Salt constituted of an acid and an Alcaly or Volatile Salt: and they are so mingled, that they are strongly united, and not to be separated without Art; or made so as to be dissolved in cold Water. But if you dissolve these Crystals in hot Water, and affuse thereupon Salt of Tartar made by Calcination, you may so dissolve the Union of the Salts, by mastering of the Acid, with the Alcaly, that they shall not resume their former nature, but become together all of them dissoluble in cold Water.

86. In making of Tartar Chalybeat, some instead of the filings of Steel do to every pound of the Crystals of Tartar dissolved in boyling Water, cast in an Ounce of Vitriel of *Mars*; or filings Steel prepared with Spirit of Vitriol, and after a little time, straining of it, set it to Crystalize.

87. Alcalious Salt of Tartar, made by Incineration, is made a kind of fixed Salt, against its own natural property, from the firm Conjunction of the Volatile Acid, with the Volatile Alcaly, by means of an Igneous Spirit. But you may easily restore it to its first Volatility, if you do but free it from the Chains of the Fire, either by separating or augmenting the Acid, or preventing its Union with the Alcaly.

88. If

88. If you desire to make Salt of Tartar, or other incinerated Salts more white, and to preserve them in their Beauty and Dryness, so as that the Air may not penetrate or dissolve them, you must (after they are made very dry) mix them with about a third part of their Weight of Sulphur in fine Pouder, and cause it to burn and consume over a good Charcoal fire: then elixiviate, filter, and evaporate, in a glass Cucurbit over a Sand-heat, till a scum arises on the Top, after which let it cool, and set the Salt to Crystalize: the remaining Liquor evaporate again, till a scum is at top, which set to Crystalize: this do till you have all the Salt.

89. Salts simply calcin'd, cannot resist the Penetration of the Air, whereas the former will: and the reason is, because that in Calcination, no more of the Acid is retained, than may serve for fixation: so that there is an innumerable sort of Pores not filled up, being so left by the Violence of the Fire, which Pores being open, are subject to any kind of penetration, especially that of the Air. But when they meet an Acid more powerful, such as is that which comes from Sulphur mixt and burnt with them, in their last Calcination, they fill themselves so, as to leave no vacuities, whereby the Acid of the Air cannot break, disunite, or dissolve them.

90. In making Spirit of Tartar, you may put about ℔iij or iv. thereof bruised into a large earthen Retort (well Luted all over) which place in a close Furnace of Reverberation; make first a gentle fire, which continue so long till nearly all the aqueous Tartar be drawn off. Then having well fitted and luted to the Cornute a large Receiver, increase the fire *gradatim*, till it comes to the utmost degree of heat, and so great that the Recipient be filled wholly with White Clouds for a pretty longer season: continue this Fire, till the Recipient becomes clear again: at what time take away the fire, stop up

up the Registers of the Furnace, and let the Retort cool. Then unlute the Recipient, and put the Liquor into a large Matrass and long Neck, to which add hard or well dryed Biscuit in Pouder ℔ij. covering it with its Head, luting well the Juncture; to which also Lute a small Receiver, you must make a Rectification in B.M. or in a Sand heat, with a gentle fire; which you may repeat two or three times with fresh Biscuit, so shall you have a Subtle and Volatile Spirit, full of Volatile Salt. In this Rectification the Spirit may carry along with it some particles of the Volatile Salt and Oyl; so that you may have at the same time, a volatile, subtil, yellow, pure Oyl, easily to be separated, whose Virtues, whether for Internal or External Uses, much transcend those of the stinking Oyl.

91. This Spirit of Tartar is esteemed a very great Sudorifick, expelling from the Center to the Circumference, all malign, pestilential, poysonous, sharp, and corrosive Humors, and all such unnatural Juyces as are the Causes of inveterate Scabs, Scurff, Morphew, Leprosy, Erysipelas, Tetters, Ringworms, and such like; It is powerful in all sorts of Rheumatisms, running Gouts, Quinseys, Inflamations of the Throat and *Tonsilla*, Pleurisies, French Pox, opens all Obstructions of the Liver, Spleen and Bowels, and is prevalent against Cachexies, Dropsies, Jaundice, Green-sickness, stoppage of the Terms. Dose à ℈j *ad* ʒj or ʒij, in any fit Vehicle. The rectified Oyl may be given a gut. ij *ad* x. mixt with a little fine Sugar, and given with some fit Liquor.

92. In Sect. 32, 33, and 34. of this Chapter, we treated of making the true Spirit of Scurvy-grass: But some make it thus: ℞ *fresh and large Garden Scurvy-grass two or three Bushels; bruise it well in a Stone or Iron Mortar, put it into a wooden Vessel, pour on so much Water as will cover it two hands breadth, or thereabouts: put to it two or three handfuls of*

Salt, and a ſmall quantity of Yeſt; let it ſtand a few days, till it ferments or works like Ale: then diſtil it off in an ordinary Alembick or Copper Veſica Tin'd within: ſave the firſt running, for it is the true Spirit. If you would have it ſtronger, rectify or diſtil it over again upon freſh Scurvy-graſs: Save the firſt running as before, ſo will you have a very ſtrong, and the true Eſſential Spirit of Scurvy-graſs.

93. But now in *London* ſeveral other ſorts are Sold, which they call Plain and Golden, but neither of them the abſolutely True. The Plain is thus made: ℞ *proof Spirit* ℔viij, xij, *or* xvj, *plus minus: infuſe or ſteep in it ſo much Garden Scurvy-graſs, as it can well contain; digeſt it twelve hours, then diſtil it off; and ſave the firſt half of what comes off; which diſtil a ſecond time, and ſave the firſt half as before,* and you have that Plain Spirit of Scurvy-graſs, which is commonly Sold: this if you diſtil over again with freſh Scurvy-graſs, it will be yet ſtronger.

94. Their Golden Spirit (falſly ſo called) is thus made. ℞ *a quart of the former Spirit, put it in a bottle, and put to it* ℥ *allap in groſs Powder* ℥iij: *ſtop the Veſſel, and let it ſtand warm in Sand or a gentle* B. M. *for three or four days, till you ſee it grow very red: then decant the clear Tincture:* A ſmall Spoonful in Beer, Ale or Wine, is a moderate Doſe: it may be given in cold and moiſt Conſtitutions; but it is perfectly deſtructive to all ſuch as are of a hot, dry, and Cholerick habit. To ſuch as have occaſion to make uſe of any of theſe kind of Spirits, I commend thoſe made by Dr. *Pordage*, living over againſt the *Checquer-Inn*, in *Leather-lane* in *Holborn*, where they may be ſupplyed with ſuch as are truly and really Good, and much tranſcending the Vulgar Spirits of Scurvy-graſs, now Sold in *London*, and other places; yet their price is but 6 *d.* the Glaſs (which is but the half of

of what the Worser sort are Sold for) so accommodated for the benefit of the Poor.

95. Although in Sect. 32, 33, 34. and in Sect. 92, 93, 94. we have sufficiently taught the way of making Spirit of Scurvy-grass, and such as shall be extreamly powerful, and participate vastly of the Virtues of the Herb; yet this following prescript seems to be more excellent, and may indeed be called the TRUE way. *℞ leaves and flowers of Scurvy-grass, as much as you please, bruise them, and make them up into Balls (like those of Woad which Dyers use) put them into a well glased pot, upon which affuse so much Scurvy-grass Water, or rather Wine of the same Herb, as may supernate or over-top them at the least 4 inches: keep them very close stopt for three or four days in some cool place, then let the whole matter, being put into an Alembick be distilled according to Art. The distilled Water rectify in a Cucurbit, so will the pure, subtil, and volatile Spirit ascend first; which keep by it self in a Glass close stopt.* Dose a gut. xv. ad xx. or xxx. The remaining may serve to make new Spirit withal. Thus also may be distilled the Spirits of Horse-radishes, of Water-cresses, Garden-cresses, Sciatica-cresses, Bank-cresses, Brook-lime, Mustard seed, Rocket, &c.

96. Vinegar is a degenerated and corrupted Wine, whose Spirits being dissipated, its saline or tartarous parts (before depressed) are now moved and carried forth into a flux. However the Spirituous parts in Vinegar are not wholly destroyed but suppressed only, whilst the saline are now in a flux: Because from Vinegar may be distilled a Liquor exceeding hot and burning, like the Spirit of Wine after this manner. With distilled Vinegar, or spirit of Vinegar extract a Salt out of Minium, or Lead Calcin'd, which you may do plentifully. This Vinegar put into a Retort and distil it: the Vinous and burning Spirit will be driven into the Receiver; the reason of

which is, for that when the Saline Acid particles of the Vinegar are united with the Salt of the Lead, the Vinous Spirits yet remaining are then freed, and having obtained their own right, are easily made to ascend by the heat of fire. Now that these inflamable or burning Spirits are not produced from the Lead, but are truly Vinous, appears by this, For that this Salt of the Lead remaining, may be reduced into Lead again, as we have taught *lib.* 2. *cap.* 10. *sect.* 1. § 13. following.

97. There is an excellent and profitable way to distil an inflamable Spirit from Sugar, by converting its whole Body into that admirable Sulphur. Thus: ℞ *unrefined Sugar* ℔j: *Beer Yest* ℥j: *put them together in a Barrel, or in any other wooden Vessel: put upon it a galloh of boyling Water; mix them well, and stop the Vessel carelessly; let it stand twenty four hours, at what time the matter will begin to ferment, and in short time Work so strongly, as to endanger the breaking of the Vessel were it close stopt, or of too small a Capacity: Then put all the Liquor into a Glass Cucurbit, covered with its Head very close Luted, with a Recipient fixed to it: distil in* B.M. *or in Ashes or Sand with an indifferent or moderate fire, so will a subtil and inflamable Spirit ascend, and after it a flegm, which may be separated by rectification. Put the remaining Liquor undistilled into the first Vessel, to which put the said Flegm: cover and stop the whole slightly up, put it into a Cellar for two months, and then make a new distillation in the former Cucurbit, covered and luted as before, so will you have an inflamable Spirit with Flegm, which rectify, as aforesaid;* and you will find that the two rectified Spirits put together, will weigh as much as the Sugar, which was first taken to be distilled; by which it is manifest, that its whole Body was converted into a volatile and burning Spirit, as aforesaid.

98. After the same manner you may draw an Inflamable

mable Spirit from Manna, and in equal quantity with the former, having the same Virtues and Uses with that, and these both with the best rectified spirit of Wine.

99. You may also distil it alone in a Cucurbit of Glass, or in a Glass Retort, leaving about ⅛ or ¼ at least of the said Vessels empty, in a sand-heat with a moderate fire; so will you have first a Flegm, then encreasing the fire by degrees, and distilling to perfect dryness, you will have an acid spirit, whose Empyreuma you must take away by rectification. This you may either mix with the first Water, or keep it by it self, being powerful to provoke Sweat; as also to dissolve Sulphur, and to draw from thence a Tincture good for Diseases of the Breast and Lungs. Dose of them mixt ℥ss *ad* ℥jss. in Carduus Water: of the Spirit alone a gut. jv *ad* xx. or more. The Tincture of Sulphur drawn therewith may be given a gut jv. *ad* xij.

100. In the distillation of Cloves, you ought to make first a kind of Putrifaction, that the Particles of the Cloves may have a more intire dissolution, for thereby the volatile and oyly parts will be the more easily separated from the Terrene. *℞ Cloves* ℔j. *bruise them grossly, put them with fair Water* ℔iv. *into a Glass Cucurbit with a Vessel of Rencounter, very well luted: put it about fourteen, sixteen or eighteen days to digest in a sand putrefactive heat, unlute the Vessels, and put all into a Copper Vesica well Tin'd within, and covered with its refrigeratory; put it into a proper Furnace, and Lute the Junctures well with the Receiver also, then distil forthwith with a quick Coal-fire, shifting as occasion requires the Water of the Refrigeratory, continue till about ⅔ of the humidity is drawn off: Then let the Vessels stand till they are half cold, and decant the spirituous Water from the Oyl which will be in the bottom of the Receiver: put the Oyl into a glass, keeping it close stopt, the spirituous Water cohobate*

bate upon the Magma, *and diſtil again, as before*; ſo will you have more Oyl, which would not ariſe upon the firſt Diſtillation: this Oyl put to the former, and keep the Water by it ſelf for other uſes.

101. After the Putrefaction, as aforeſaid, for fourteen, ſixteen or eighteen days, you may alſo diſtil the Maſs in a Glaſs Retort in a Sand-heat over an indifferent fire, ſo will you have Oyl and Water, as aforeſaid, which Water may be cohobated upon the *Magma*, as in the former. But if you diſtil the Cloves in a Glaſs Retort without the Addition of Water, you will have a fœtid Oyl, having a ſtrong *Empyreuma*. And after theſe ſeveral ways you may diſtil Nutmegs, Mace, Cubebs, Cardamoms, Pepper, Jamaica Pepper, and other Aromaticks, but chiefly after the method at Sect. 100. above.

102. Moſt Authors teach ſeveral ways to diſtil Camphir, but truly in Vain; for conſid'ring its purity, ſubtilty, volatility, penetration, tranſparency, whiteneſs, piercing taſt, ſtrong ſcent, quick diſſipation, even without fire, inflamability even in Water, and total Conſumption of all its parts, if ſet on fire, without any Fœces or Aſhes remaining; we may ſtrongly conclude it to be a Gum ſo perfect, that nothing of Art can either purify, mend, or exalt it; but rather diminiſh its native excellency and power. But if any ſhould rather deſire it liquid, than in its natural form, they may diſſolve it either in rectified *S. V.* or in Oyl of ſweet Almonds, or in the Chymical Oyls of Limons, Oranges, Roſmary, Saſſafras, and the like. Authors have accounted it to be cold; but it is certainly hot, both in all its parts, and in operation, as the afore enumerated qualities do ſufficiently demonſtrate. It is a moſt admirable Hyſterick, againſt fits and vapours of the Womb: and a very great Antidote in contagious and peſtilential Times, reſiſting the Putrifaction of humors; yea it is of

of excellent use even to smell to. Dose à gr. j. *ad* iij, or jv, and sometimes more, either in Pouder, or dissolved as aforesaid. You may give it in Hysterick Clysters à gr. jv *ad* xij. A grain or two may be put into a hollow Tooth, or dissolved in *S. V.* to ease the pain of the Tooth-ach: Camphir is said to make the very best and whitest of all Varnishes.

103. Turpentine may be distilled by putting ℔ij or iij. of it, into a large Glass Retort in a Sand-heat, with a moderate fire, especially at first: so will you have first an Acid Spirit with Water; then a clear Ætherial Volatile Inflamable Oyl, after a pale yellow or Limon coloured; after that, a perfect yellow coloured; and lastly, a red Oyl, leaving a Colophony in the bottom. If you use a long recipient with just degrees of heat, and do not change it till the end of the distillation, you may perceive all these Oyls swiming one above another, the red at bottom, the yellow next, the Lemon above that, then white, and lastly the ætherial at the Top. These Oyls have all of them nearly the same Virtues; but those which are lowest and highest coloured operate less powerfully than those which are higher, and lesser coloured, for as much as these are much more subtil, volatile, and pure.

104. After this very manner you may distil the like Oyls of Mastich, observing the degrees of Fire; and this way is indeed much better than all the other ways which Authors teach, for as much as in this way, there is no Forreign matter mixt with the Mastich, whereby its nature and qualities should be altered; nor in this way, does it need any rectification. Oyl of Mastich prevails against Weakness of the Stomach and Bowels, helps in a Diarrhœa, heals and and consolidates Wounds and Ulcers, both of the Brest and Lungs, and other inward parts of the Body: It closes up the Orifices of the Veins and Arteries, and stays all fluxes of Blood. Dose in any proper

Vehicle à gut. jv *ad* xvj. Outwardly it ſtrengthens the Stomach and Belly, heals Wounds of the Nerves and all other parts; and Conſolidates, being uſed by way of Injection, with a mixture in ſome other proper Liquor. In Fractures and Diſlocations, it comforts and fortifies the Bones and Joynts.

105. Take of the beſt Benjamin poudred ℔j: put it into a large Glaſs Retort, having a Neck of the longeſt and largeſt ſize: affuſe thereon *S.V.* ℔iij. ſtir them well together: digeſt in a very gentle heat (with the Neck upright) for twenty four hours, ſhaking them often to haſten the diſſolution of the Benjamin. Then put the Retort into a Sand-heat, fitting to its Neck (inſtead of a Veſſel of Rencounter) a Glaſs well luted in a Veſſel of Water, and with a moderate fire, diſtil firſt the *S.V.* after which the flowers of Benjamin will ariſe; but as ſoon as they appear; ſet a new Receiver well dryed, in the room of the former, and lute it ſlightly, that you may be able to draw out from time to time the flowers that ſhall fall into it, as alſo thoſe that ſhall ſtay in the Neck of the Retort: theſe *flores* put up into a Glaſs well ſtopt, and put the Receiver into its place again; Lute it now very ſtrongly, ſo will a thick Liquor diſtil, which will be the firſt Oyl of Benjamin, which you will diſtil with the ſame fire: if you continue it you will have an Acid Liquor, and after that a yellow, clear, and odoriferous Oyl; and then the laſt Oyl, which will be greaſy and thick.

106. In the former proceſs you have, 1. *A Tincture of Benjamin*, which is found in the firſt Diſſolution in *S.V.* and contains all the good parts of the Benjamin. 2. *By diſtillation, a ſpirit of Wine impregnated with particles of the Volatile Salt of Benjamin*, conjoyned with ſome part of its ſulphurous Particles, which is an excellent Medicine to provoke Sweat, being given in a proper Vehicle à ℥ſs *ad* ℥ij. 3. *Flowers, white like Snow,*

in long Cryſtals, ſweet and delectable in ſcent, and of a ſubtil and penetrating Subſtance, which may be called the true volatile and ſulphureous Salt of Benjamin: Theſe flowers if you deſire them only, you may obtain thus: Put ℥ij or iij of Benjamin poudred into a long pot of Potters Earth, put it into a Sand-heat, cover it with a long Cornute of thick Paper, whoſe Mouth let be fited, or proportionable to the Circumference of the Pot, and let it be faſtned with Pack-thread about the ſame. Then make a moderate fire, ſo will the light flowers of Benjamin ariſe and ſtick to the inſide of the Cornute. 4. *From theſe flores, with the afore diſtilled Spirits, you may draw a Tincture*, more pure and ſubtil, than what you drew before from the groſs Benjamin, which will provoke Sweat in leſſer Doſe than the former Tincture: Both this and the Flowers are very admirable Pectorals. 5. *Yellow Oyl which is a perfume*, and in virtue much like the Flowers. 6. *Thick greaſy Oyl*, which is only uſed to cleanſe and conſolidate Ulcers. After the ſame manner you may diſtil Storax.

107. ℞ *Red Myrrh in fine pouder* ℔j: *put it into a large glaſs Retort affuſe thereon rectified ſpirit of Wine* ℔jv: *ſtir them very well, and digeſt for twelve hours, ſhaking the glaſs often: Then put the Retort into a Sand-heat, fit and lute to it a half Ball, or very large Recipient, and begin the diſtillation with a very gentle fire, increaſing it by degrees, but very ſlowly, and more eſpecially towards the end, the better to draw forth the oleaginous parts of the Myrrh: the ſpirit of Wine being firſt drawn forth, remove it and apply another Recipient, which luting well, diſtil to dryneſs. Then, the Veſſels being cold, ſeparate the ſpirit of Wine remaining from the Oyl of Myrrh.* This Oyl of Myrrh mix with equal weight of Vitriol calcin'd to whiteneſs, and rectify it in a Glaſs Retort in a Sand-heat, with a moderate fire, ſo will you have

have a pure Oyl of Myrrh, free from earthy parts, which are left behind in the Vitriol. But by reason the Vitriol may give some Acrimony to the Oyl, you must free it from it thus: *Take Ox or Sheeps Bones calcined to pouder, the equal weight of Oyl, Fountain water four times as much: mix all together, and distil in a glass Alembick all of a peice in a Sand-heat, and well luted to a small Receiver, so will you have a pure yellow clear Oyl of Myrrh free from all Impurities.* It is a notable Hysterick, resists Poyson and the Putrifaction of Humors, opens Obstructions of the Bowels and kills Worms. Dose à gut. iij *ad* vij, mixt with fine Sugar, and dissolved in a proper Vehicle; Or you may mix it with proper Pills, Opiates, *&c.*

108. Gum Ammoniack (so called from the place of its Growth, which was near and about the Temple or Oracle of *Jupiter Ammon*, the place of its natural production) is thus distilled: ℞ *of the said Gum* ℔j: *put it into a glass Retort, large, deep, and fit to hold ten times as much of the same: and in a Sand-heat (having first luted a large Receiver to its Neck) with a gentle fire begin the distillation; this gentle heat continue till all the danger of the swelling is over; then by little and little increase the fire, and at last a violent fire, that the Oyl may be compleatly separated from the Gum; when you see the Receiver clear from Fumes, let the fire go out, and the Vessels cool; then unlute them,* and in the Receiver you will have an Acid Spirit containing the Volatile Salt, mixed with much flegm, and a thick stinking Oyl.

109. All these you may rectify by putting to them Bones calcined to pouder ℔j: put all into a glass Cucurbit luted with its Head and Receiver, and in a Sand-heat with a moderate fire begin the Distillation, so you'l have first the pure Volatile Spirits, Salt and Oyl to ascend; the Flegm and more gross part of the oyl remain at the bottom

bottom of the Cucurbit. You may rectify again with new Bone-Aſhes the whole diſtillation, and at laſt ſeparate the Volatile Oyl from the Volatile Saline, ſpirituous part. The Spirit opens all Obſtructions of the Liver, Spleen and Bowels, is good againſt the Dropſy, Cholick, Cachexia, Green-ſickneſs, and ſtoppage of Urine: It is alſo a moſt noble Hyſterick, and powerfully provokes the Terms, given after other general remedies: Doſe à gut. vj *ad* xx, in White Wine, Rheniſh, Sack, or other proper Vehicle; The Oyl is given for the ſame intentions à gut. ij *ad* viij. mixt with Sugar, *&c.* or given in Pills, Opiates, *&c.* They both haſten and bring away both Birth and Afterbith. In Hyſterick fits, you may alſo anoint the Noſtrils with the Oyl. Thus may you diſtil Galbanum, Opopanax, Sagapenum, and other watery Gums of like Nature.

110. *Joel Langelot* a learned man, and Phyſician to the Duke of *Holſatia*, makes *Laudanum Helmontij* thus: *Take Thebian Opium cut ſmall* ℔ j: *juyce of very ripe Quinces newly drawn* ℔ x: *Salt of Tartar* ℥ j: *digeſt all two dayes in a very gentle Sand Heat, or till you ſee little Bubbles appear above the Liquor, which is a ſign that Fermentation is at hand: Then add thereto fine Sugar in Pouder* ℥ iv: *and uſe a moderate heat to advance the fermentation: ſo will the Opium riſe and totally diſſolve. At top of the Liquor will be a filthy impure and ſcummy part which ſwims; at bottom will be an impure and earthy part: and in the middle will be a pure and tranſparent Liquor, as red as a Ruby, which ſeparate, filterate and keep for Uſe.* This in the true *Laudanum* of *Helmont*, and is given à gut. x. *ad* xx or xxx: but for the greater perfection you may inſpiſſate to the Conſiſtency of an Extract, and then diſſolve that Extract in pure rectified S. V. which filter and digeſt for one month, to ripen it, and bring it to Perfection: Then inſpiſſage again to the Conſiſtency

ency of an Extract. From this the said *Langelot* promises wonderful things in all Cases where *Laudanum* is to be used, giving at a time not above a quarter, or at most but half a grain. This small Dose is imputed to the union and close binding up of the parts of the *Opium*, first by Fermentation, and then reducing them to an Extract.

111. This *Laudanum* now described induces Rest, allays the sharpness of humors, and stops their motion. It fortifies Nature and the parts; it corroborates all the Bowels cherishes the natural heat, restores the retentive Faculty debilitated, stops all fluxes of Blood in man or woman, the overflowing of the Terms, all sorts of Fluxes of the Belly, and other thin and corroding Defluxions either upon the Eyes, Eares, Teeth, Throat, Lungs, Stomach, or any other part external or internal. It eases all pains of the head arising from attenuated humors, taken inwardly, or applyed to the forehead and Temples. It discusses and expels wind, and takes away noises in the Ears: It eases the Tooth-ach, stops Vomiting after Evacuation, and all other violent Purgations and Fermentations of the humors. It gives ease in the Disease *Cholera*, and the windy Cholick, and in all griping Pains in man or woman, both giv'n by the mouth and by Clysters: It is a powerful Remedy against the Gravel, Stone, and the Dissentery, both to cease the Fermentation of the humors, and to abate their acrimony after due purgation. It is successful in all diseases of Reins and Bladder, the Gonorrhœa, *&c.* It strengthens the Spermatick Vessells, and cures all sorts of Gouts and Rhumatisms, and is prevalent against all Pains in any part or person, from what cause soever, in any age or sex, and at any time whatsoever, especially after the use of general Remedies, and fit, due or previous Evacuations.

112. What the oyly volatile Salt of *Sylvius* is, is scarcely truly known, yet one Monsieur *Telingius* Professor of Physick at *Rynteck*, in his *Prodromus Praxeos Chymiatricæ*,

atrica, gives us this Deſcription thereof: ℞ *Aromatick ſpirit* ℥ i: *Volatile Sal Armoniack* ʒ ij: *Tincture of Cloves*, gut. vj: *mix them well in a glaſs which keep cloſe ſtopt: let it ſtand all night, and ſeparate the clear by inclination from the powder at the Bottom: ſo have you a volatile oyly Salt*: or an Aromatick Spirit, charged with a volatile Salt of a pleaſing Taſt and Smell; which by reaſon of the Purity and Subtilty of its parts is able to attenuate and diſcuſs bad humors, and to expell them through the Pores: alſo to rectify and preſerve the Tone of the Stomach, whoſe prevarication is the root of all Diſeaſes. This Medicament is of uſe againſt all cold Diſtempers, proceeding from Acid juyces or ferments: Doſe à gut. x. *ad* xx or xxx, in any proper Vehicle. This is *Telingius* his ſuppos'd oily Volatile Salt of *Sylvius*: but we deſire to be excuſed, if we ſay, We believe it to be abſolutely another thing, or almoſt infinite, or as manifold, as there are hot Vegetables in Nature: from all of which a volatile oily Salt may be prepared, as from Roſmary, Lavender, Fennel, Juniper-berries, Cloves, Mace, Cinnamon, Nutmegs, Wormwood, Angelica, Sage, *&c.* The preparation of which, from any hot vegetable we may hereafter (God willing) diſcover.

113. The *Recipe* of *Telingius* his Aromatick Spirit aforeſaid, ℞ *biting Cinnamon* ℥ ij: *Red Roſes* ℥ j ſs: *Aniſeeds* ʒ vj: *Cardamums* ʒ ij: *Barberry grains* ʒ ij: *yellow Sanders, Nutmegs, Cubebs*, A. ℥ ij: *bruiſe the ingredients (all but the Roſes) mix them, and affuſe thereon S.V. rectified* ℔ vj: *Rain-water* ℔ j: *put them into a glaſs Cucurbit, which cover with its head well luted, and place it in a Sand-heat with a Receiver luted to its Beak, digeſt with a very gentle heat for* 24 *hours: then diſtill according to Art.* This is a good Stomatick, and a Cordial which may be given in all Diſeaſes. But for the purpoſe aforeſaid of *Telingius*, the *Aqua Vitæ Matthioli*,

thioli, which is the *Aqua cæleſtis* of the ſhops, is infinitely more excellent.

114. The preparation of *Our Family Pills*, which is two-fold, *viz.* either *with* or *without Aloes*.

1. *Pilulæ familiæ noſtræ cum Aloë:* Our Family Pills with Aloes.

℞ *The Angelical Pills of Grulingius, or fine Aloes twice prepared with Juyce of Violets and inſpiſſated to the thickneſs of an Extract*, ℥ viij: *Reſinous Scammony* ℥ jv: *Reſin of Jallap* ℥ iij: *Guta Gamba, extractum benedictum* (*in our Pharm. Lond. lib.* 4. *cap.* 8. *ſect.* 32.) *A.* ℥ij *Tartar Vitriolate, Elaterium, A.* ℥ j ſs: *Extract of Saffron, Pouder of Cloves, Mace, Nutmegs, Caſtoreum A.* ℥ j: *Oyl of Roſemary, or of Cloves* ℥ ſs: *mix them; and with Syrupus de ſpina Cervina* q.s. *make a maſs of Pills.*

It is a moſt admirable thing for a general purge; there is nothing better yet known; for it purges all humors, in all perſons, and may be given to all Sexes and Ages (except only little Infants.) It ſpecifically cures Scurvy, Dropſy, Gout, Conſumption, Jaundice, Cachexia and Green-ſickneſs: It opens all Obſtructions of the Liver, Spleen, Meſentery and Womb: It cleanſes the Stomach and Bowels from corrupt humors, and all manner of filth: It kills worms whether in old or young. It is an excellent thing againſt all Agues and Feavers, by cauſing the Evacuation of the Febritick matter. It provokes the Terms powerfully, nor is there any other purging Medicament which is equal to it. It purifies the blood, ſtrengthens the ſtomach, expels Choler; and provokes Appetite: It evacuates thick flegm, and other groſs humors from the head, joynts, and other remote Parts. It has been found of excellent uſe in Lethargies, Carus, Vertigoes, Old Head-aches, Megrims, Epilepſies, Apoplexies, and other the like cold and moiſt Diſeaſes of the Head and Brain. Being often taken, they cauſe old Ulcers, running Sores, and malignant and inveterate Fiſtulaes to heal

heal ſpeedily. It is a moſt admirable Remedy againſt the Pox, eſpecially if to every ounce thereof be added of Turbeth Mineral ℥ i ſs: or of Artificial Cinnabar ℥ j ſs *ad* ℥ ij: otherwiſe the Preſcript it ſelf is inferiour to no other Purge: It cleanſes, ſtrengthens and corroborates all parts of the Head and ſtomach, drys up Catarrhs, comforts the Memory, accuates the Senſes; prevails againſt tartarous Diſeaſes, Melancholy and the Kings Evil, for which laſt I eſteem't the beſt of all purges. It evacuat's water powerfully, and cures any Surfeit, if exhibited upon the firſt coming thereof. I alſo commend the uſe hereof in the Gout, Dropſie and Jaundice, beyond all other Purgatives known by me, for in thoſe Diſeaſes I have had large experience thereof: and indeed in moſt Diſeaſes of the womb proceeding from cold, moiſture, wind, Obſtructions, and variety of filthy humors, I have done wonders therewith: for it opens, cleanſes, warms, comforts, and ſtrengthens that part to a Miracle. I have given this Medicine with good Succeſs in quartan Agues, black Jaundice, and hypochondriack Melancholy. Doſe ℈ j *ad* ℥ ſs See our *Pharm. Lond. lib. 4. cap. 23. ſect. 96.* where you have alſo the way and manner of taking it.

2. *Pilulæ familiæ noſtræ ſine Aloe*: Our Family-Pills without Aloes.

The Preparation, Virtues, Uſe, and Doſe thereof you may ſee *lib. 2. cap. 23. ſect. 16.* following of this work. This without Aloes is more generally given in Families then the former; but that with Aloes is the more general Medicine: My Rule in giving them is this: *In all cold, moiſt, pituitous and melancholy habits and conſtitutions, I give of the Compoſition without Aloes: but in all hot, dry and cholerick Conſtitutions, I commonly give of the Compoſition with Aloes; and ſometimes I give them alternately,* viz. *firſt of the one Compoſitum then of the other, which I have found to be of ſingular advantage both in reſpect of ſex, and humors abounding.*

II.

II. *Obſervations on* Animals.

115. *Bees* are for the moſt part calcined, or ſo dryed to be reduced to a Pouder, which being mixt with oyl of Nuts, is anointed upon bald places to cauſe the hair to grow: if you diſtill them in a Retort, you will have a Volatile Spirit and Oyl, which will provoke Sweat; and if given in its largeſt Doſe, expel from the Reins and Bladder, Gravel ſlime and Urine.

116. *Honey* which is their product, and is gath'red from the moſt odoriferous parts of Plants, or their flowers and fruits, is thus diſtilled: ℞ *Honey* ℔j: *put it into a Copper Veſica very large and high, and well tin'd within, put it upon a little Furnace covered with its head, and fit to its beak a ſmall receiver, luting the joynts well, diſtill with a fire ſo ſmall as that the Honey may not boil, but be a little more than warm: ſo will you have a clear and odoriferous water, with an acid ſpirit, inclining to yellow, which will grow deeper and deeper as you increaſe your fire: and at laſt the oyl will aſcend. Keep apart the water which aſcends firſt: ſeparate the Oyl from the acid ſpirit, by means of a ſheet of Cap-Paper, firſt wet in the aforeſaid water put into a glaſs Funnel: and rectify the ſpirit by evaporating the flegm in* B.M. The water is aperitive and diuretick, eſpecially if mixt with ſome of the Spirit, and ſo mix'd they cauſe hair to grow, cure Diſeaſes of the Eyes, as the Suffuſion, Pin and Web, Pearl, Ophthalmia, *&c.* The rectified ſpirit alone diſſolves Iron, Lead, and other Metals.

117. Take *Caſtoreum* fre'd from its unctuous parts and skins: ſhred it ſmall, put it into a Matraſs, upon which affuſe S. V. rectified ſo much as to overtop it the breadth of four fingers: Digeſt in a gentle heat a Month, ſhaking the Veſſel once or twice aday: then ſtrain by hard preſſing out; which keep in a glaſs bottle cloſe ſtopt: This is Tincture of *Caſtoreum*.

118. But if you rather deſire

ſire a ſpirit, put the whole Maſs, before Straining, into a Glaſs Cucurbit, with a Head and ſmall Receiver both well Luted, and diſtil in a Sand-heat with a moderate fire, ſo will all the moſt pure, ſpirituous and volatile parts of the Caſtor aſcend; of the *Magma* you may make an Extract. Doſe of the Tincture and Spirit are both the ſame, *viz.* à ℥ſs *ad* ℥ij. They are good Cephalicks, Stomaticks and Hyſtericks.

118. *Cantharides* dry and whole, may be put into a Glaſs or earthen Retort Luted round, ſo many as to fill ⅓ full: to which luting a large Receiver, and diſtilling in a cloſe Reverberatory with a gradual fire, you will have a Volatile Salt and Oyl accompanied with Flegm. This diſtilled matter put into a Bolt-head with a long neck, luted to its proper Head, and a ſmall Receiver, and in a Sand-heat with a moderate fire make a Rectification; ſo will the Volatile Salt preſently aſcend white and cryſtaline, which put into a glaſs Bottle with as much ſpeed as may be, and ſtop it cloſe up. Put to another Head and Receiver in the place of the former, and continuing the fire draw forth the Oyl and the reſt of the Volatile Salt diſſolved in ſome ſmall part of the Flegm: laſtly ſeparate the Oyl from the Flegm, and keep each a part in Glaſſes cloſe ſtopt.

119. This *Volatile Salt* is ſaid to be the moſt powerful of all Diureticks, ſo that it will break the Stone, and diſſolve it, both in the Reins and Bladder: you may give it in Opiates, or ſome Bolus, from gr. j. *ad* vj. being leſs dangerous than the Flies themſelves. The Oyl and Liquor have both the ſame Virtues. They all of them provoke Luſt exceedingly, yea beyond all other things, being thus mixt: ℞ *Salt or Oyl of Cantharides, Oil of Cloves, A.* ℈j: *Oyl of Nutmegs by expreſſion* ℥ſs: *liquid Storax* ℥ſs: mix, and anoint the Teſticles, Petinæum, and the Soles of the Feet therewith.

120. *Crabs of the River*, may be distilled in an Earthen Retort, in a close Reverberatory, so will you have Volatile Salt and Oyl. They may be distilled also thus. Bruise them well in an Iron Mortar, put them into a glass Cucurbit, luting to its Head and Receiver; and distil a Water therefrom in a Sand-heat to dryness: Cohobate seven times, so will the Volatile Salt ascend with the Water. The *Magma* calcine, and get its Salt by Elixiviation the ordinary way, which dissolve in the before distilled water. It is a great Diuretick, and is said to dissolve the Stone in the Reins and Bladder, and to restore such as are Consumptive. Dose from one spoonful to four.

121. *Frogs* may be cut in pieces, and in a glass Cucurbit may be distilled in B. M. with a gentle fire, which you may cohobate six or seven times, so have you a Water of great use in the Gout, and in all Internal pains of the Reins, Ureters, and Bladder. The *Magma* may be distilled in an Earthen Retort well Luted, in a close Reverberatory with a long Receiver, as Vipers are distilled, so will you have a Volatile Salt and Oyl with much Flegm, which you may rectify and separate. The Virtues of them are much like to those of the Toad. Also if Frogs be calcined to Ashes, those Ashes by strewing or blowing them on, stop Bleeding in any part: they also cause Hair to grow: and given inwardly ℈j *ad* ℥j, they stop a *Gonorrhœa*.

122. *Hartshorn* of old used to be calcin'd in an Actual fire, but so it looses all its pure and volatile parts: *Chymists* used to calcine it, by hanging thin slices of it a long time in the Fumes of Cordial Herbs and Plants, in the time of Distillation, and then to reduce it to fine Pouder; this is the Philosophical Calcination, and is better than the former. But truly crude Harts-horn rasped, dryed gently, and lævigated, much exceeds them both. Hartshorn is distilled in a Retort in a close Furnace of Reverberation, being first Sawed

Sawed into little Bits, ſo have you Volatile Salt, Oyl, and Spirit of Hartshorn, which you may rectify, ſeparate, and keep a part in Glaſſes cloſe ſtopt. This rectification may be made by mixing it with Hartshorn calcin'd. The Virtues, Uſe, and Doſe are the ſame with thoſe of Mans Skull.

123. After the ſame manner may you both prepare and alſo diſtil *Ivory*, and the Bones of Whales and other Living Creatures, ſo have you Volatile Salts, Oyl, and Spirit, which you may rectify, and ſeparate, *&c.* *Ivory* thus diſtilled to the higheſt degree of heat, leaves black pieces in the bottom of the Retort, of which *Painters* make their true Velvet black, which can never be perfectly in an open fire. Thoſe black pieces being farther calcined in an open Fire, in a Potters Furnace, to a perfect whiteneſs, is that which the Antients called *Spodium*.

124. *Mans Skull* raſped, dryed, beaten and levigated, is a moſt admirable thing in the Falling-ſickneſs, Palſy, Convulſion, and fits of the Mother: this is the firſt, moſt ſimple and eaſy preparation. Calcination deſtroys its volatile part, and leaves the remaining part worth little. Diſtillation follows: Take Skulls of men kill'd by a violent Death, ſaw and beat them into ſmall pieces, put them into an earthen Retort very well Luted, which put into a cloſe Furnace of Reverberation, which cover with its Capſula, ſtopping alſo the Regiſters, the hole of the Fire place, and almoſt the Aſh-hole; make a fire with Charcole, which keep in an equal heat for about 2 hours in the Aſh-hole: then remove it out of the Aſh-hole into the Fire place, increaſe it by degrees, and lute to a large Receiver, opening the Regiſters by degrees, and continuing a moderate fire, till the Flegm begins to fall into the Recipient. Then increaſe the Fire to one degree, by giving more Air, ſo will the Volatile Salt Spirits aſcend, accompanied with Oyl, in white Clouds, then increaſing the fire one degree

more opening the Regiſters at fit times, till they are all open, and the fire is come to the higheſt degree of heat, you ſhall diſtil till no more Clouds come out of the Retort, and the Receiver becomes perfectly clear; then let the Veſſels cool, and unluting them, you will have in the Receiver Volatile Salt, Oyl, Spirit, and Flegm, which you may rectify, ſeparate and keep a part.

125. Theſe ſeveral Subſtances you may rectify, by putting them together into a Matraſs with a long Neck, placed in a Sand-heat, and covered with its Head perfectly well luted with a proper Receiver, obſerving the ſame method as in the Rectification and Separation of Hartshorn and other like things. Theſe wonderfully cure all Diſeaſes of the Head and Brain, but chiefly the Epilepſy, Apoplexy, and Convulſions; and by reaſon they are freed from their watry and terreſtrial parts, do operate with great celerity, and are incomparably more powerful than the crude Skull, for that the Stomach cauſes them to paſs both with eaſe and ſwiftneſs to the Brain, and all the remote parts of the Body: the Oyl, as well as the Salt may both be taken inwardly; but the Salt is preferable, for that it is ſomewhat more Volatile, pure, and pleaſant both to the taſt and ſmell as well as the ſight. Doſe of the Salt gr. vj. *ad* xx or xxx: of the rectified Oyl à gut. jv *ad* xij: and of the Spirit à gut. xx. *ad* lx: in any proper Conſerve or Cephalick Opiate. From the raſped Skull well-dryed and poudred you may with highly rectified S.V. or very ſtrong Cinnamon-water, extract an excellent Tincture having the ſame Virtues. Doſe à ℥j *ad* ℥ij. or more.

126. Take Blood (taken from healthy young men, not having red Hair) put it into ſeveral Earthen Cucurbits, filling them only a quarter full, to which Lute their Heads and ſmall Receivers: draw off the flegm in a gentle Sand-heat to juſt dryneſs, but not ſo that the *Magma* be

be in the least Burnt, this Flegm keep in a Glass. These several *Magmata* put into a great glass Retort well luted to its Receiver, which place in a close Furnace of Reverberation: distil with a gradual fire, slow and gentle at first, but by degrees increase it to the highest; so will you have a new Water, Oyl, and Volatile Salt, coming forth in white Clouds, and condensing in the Receiver. These various substances rectify, separate and keep apart, as we have before taught, which you may repeat if you so please to an exact purity. The Virtues and Doses of these are the same with the like Substances from Mans Skull: they are also of all of them admirable Hysterick. *Hermant* saith, The Volatile Salt and Oyl of Mans Blood will cure the falling sickness even in elderly persons.

127. However this is certain, That they cure all Diseases of the Brain and Nerves; purify the whole Mass of Blood, radically destroy the Scurvy; make the Blood fluid, and help its Circulation: They dissipate vapours arising from the Stomach, Liver, Spleen, and other *Viscera*, but more especially those of the Womb: they destroy the malignity of Feavers though contagious and pestilential, cure the Dropsy, and Palsy, and ease the pains of the Gout.

128. *Urine* may be distilled after a putrefaction in Horse-dung for forty days, because then the Volatile Salt will the more easily ascend: being so putrified, take the clear Urine which swims above the Sediment, and distil in B. M. or an ash heat with a very gentle fire: the distilled Liquor rectify three or four times in a Matrass with a long Neck, but with the longer Neck for the last rectification of the Salt; so have you a pure, subtil, volatile white Salt, with a volatile spirit, which is only part of the Flegm, in which some of the Salt is dissolved: but in respect putrified Urine stinks so abominably, late Artists take the fresh Urine

and evaporate it away till it become as thick as new Honey in B. M. or in a Sand-heat; then they destil it in a large high Cucurbit with its Head and Receiver as before: rectifying the Liquor as the former, which is indeed as good a way, and far less noisome.

129. This Salt and Spirit of Urine, destroys acids in Mans Body, allays fermentations, opens Obstructions of the Stomach, Liver, Spleen, Lungs, Mesentery and Womb, purifies the Mass of Blood, cures the Scurvy, Cachexy, Jaundice, Hypochondriack Melancholy, all cold Diseases of the Head and Brain, as Lethargy, Apoplexies, Epilepsies, Convulsions, Palsies, Mother fits, Obstructions of the Urine, Stone, Gravel, slime and filth in the Reins and Bladder, in which last cases they are specifick; outwardly they ease pains of the Gout and Rheumatisms. Dose of the Salt gr. x. xx. xl. in any proper Vehicle.

130. Mans Dung being dryed and distilled in a Retort, yields a Volatile Oyl, singular and specifick for the Cure of exulcerate Erysipela's, Scald-Heads, Scurfs, Scabs, &c. and to mortify Cancers, and asswage the pains of the Gout being applyed.

131. *Toads* throughly dryed are to be cut into pieces, and then put into an Earthen or Glass Retort well luted, and in a close Reverberatory with a gradual fire, you will have a Volatile Salt and Oyl accompanied with some Flegm, altogether in the Receiver: which you may rectify and separate in a Matrass with a long Neck, in a Sand-heat, with a gentle fire. The Virtues are almost the same with the like substance produced from the Viper: but the Volatile Salt of Toads is said to be a specifick in the Dropsy; especially if mixt with a little of the fixt Salt of the Ashes. The Bone of the foremost left Leg of a Toad, held against an Aking Tooth, eases (as *Helmont* saith) the pain. The dryed Pouder of the whole Animal put upon Buboes, or pestilential Carbuncles

buncles, draws forth the malignity, as alſo it does in Cancers, and Venerial Sores.

132. *Storks*, being deplumed and embowled, may be cut into ſmall pieces, and put into a glaſs Cucurbit in a Sand-heat, where it may be covered with its Head and luted to a Receiver: diſtil with a moderate fire almoſt to dryneſs: the diſtilled Water keep a-part by it ſelf; the *Magma* put into a Retort of Earth, or of Glaſs well luted about; place it in a cloſe Reverberatory, and in a Receiver luted thereto, diſtilling with a gradual fire, till it comes to the higheſt, you will have a Volatile Salt, Oyl, and Flegm, which rectify, ſeparate, and keep a-part, as we have formerly taught. This Salt, Oyl, and Spirit, are Counter-Poyſons, and good againſt contagious and epidemick Diſeaſes. They are alſo a ſpecifick againſt the Falling-ſickneſs. Doſe of the Salt gr. x. *ad* ℈ſs: of the Oyl a gut. iij *ad* x. incorporated with Sugar: of the Spirit à ℈j *ad* ℈ij: give them faſting either in their own proper Water, or Cinnamon-Water, Bolus, or proper Opiate.

133. *Millepedes*, *Sows*, *or Hog-lice*, are diſtilled by putting them alive at firſt into a Retort, and diſtilling them in a cloſe Reverberatory Furnace, with a moderate fire increaſing it by degrees to the higheſt; ſo will you have a volatile Salt, Oyl, and much Flegm; which by rectifying, as aforeſaid, you will have a pure, white, cryſtaline, and volatile Salt, a pure volatile Oyl, and ſubtil Spirit, having all one and the ſame Virtues, though in different degrees of ſtrength: theſe are Diaphoretick, purify the Maſs of Blood, and expel its impurities by tranſpiration: they powerfully mortify Acids, and therefore cure old ſtubborn Ulcers, Cancers, Jaundice, and the Scurvy: they eaſe pains of the Gout, Rheumatiſms, and other dolors of the Nerves: Their Bodies dryed, in a gentle heat and pulveriſed are a powerful Diuretick, being given à ℈j *ad* ℈j, in White or Rheniſh Wine,

134. After the same manner may you distil *Earth-worms*, and have from them the same substances, which have compleatly together the same Virtues. Now here is one thing worthy of noting, *viz.* That if the Volatile Salts be dissolved in the acid Spirit, and then be mixt with double the weight of pure Salt of Tartar, if you distil or sublime the said mixture, the Acid will quit the Volatile Salt, and joyn it self to the fixed Salt of Tartar, whereby the Volatile Salt will totally sublime, and leave the Spirit only an insipid Flegm, mixed with the said Portion of fixed Salt which was added.

135. *Pismires* after the same manner may be distilled, and from whom you may have the same Substances: whose Virtues are powerfully to open Obstructions of the Reins, Ureters and Bladder, dissolve and bring away Stones, Sand, Gravel and Slime, and after a mighty manner to provoke Lust, inwardly taken and outwardly applyed. Or thus: *Take Pismires or Ants in Harvest-time, put them into a Matrass, upon which affuse well in rectified spirit of Wine, or* Aqua Cælestis *(which is the* Aqua Vitæ Matthioli*) made with rectified spirit of Wine; or the best Cinnamon-water made with the best rectified spirit of Wine, so much as to over-top them three Inches; digest in a gentle heat till the Ants are converted into Liquor: then unstopping the Matrass, put all into a glass Cucurbit, to which lute on a Head, and in a Sand-heat (having a Receiver also well luted to the Head) with a very gentle fire begin the Distillation, and continue it till all is almost come over: then cool the Vessels, and put the Volatile spirituous water (full of Volatile Salts) into a glass Bottle, which keep close stopt for use.* It cherishes and strengthens the natural heat, provokes Urine, restores in Consumptions, causes magnanimity of Mind, and mightily provokes Lust. Dose from half a spoonful to one spoonful mixt with choise

choise Canary, or a little Cinnamon-water.

136. *Take a Peacock deplume and embowel him; cut him to bits and bruise them well: and in a glass Cucurbit with its Head and Receiver draw off a Water, distilling to dryness*: this Water strengthens the Brain, and fortifies it against Diseases. The dry *Magma* put into an Earthen or glass Retort luted all over, in which, in a Reverberatory Furnace (as before is taught) with a graduated fire distil a pure Volatile Salt and Oyl (mixed with flegm; which substances rectify, separate, and keep apart, as we have formerly taught.) The white, crystaline and volatile Salt is of great Virtue, Medicinally against the Falling-sickness and Vertigo, and indeed all other Diseases of the Brain, anointing also the Nostrils, Temples, and Sutures of the Skull with the Oyl.

137. *Peacocks dung* may after the same manner be distilled in an Earthen or Glass Retort, from whence volatile Salt, Oyl, and Spirit will be drawn, which may be rectified, separated, and kept a part, as aforesaid; these Substances have the same Virtues with those distilled from the Peacock it self, and may be given in the same Dose. *Tincture of dry Peacocks dung* drawn in rectified Spirit of Wine, is given for the same purposes; so also the dryed Dung either infused in White Wine, or given in substance to one dram: it is a specifick against the Epilepsy and Vertigo, more especially if given at the New and Full Moon.

138. *Vipers* are also distilled (being first killed and then gently dryed in warm Oven after the Bread is drawn forth, till they will as it were beat to Powder) by cutting them into little bits, *viz.* the whole Viper, Heads, Tails, Skins, Hearts, Livers, Bones, Intrails and Flesh, both of Male and Female, and putting them into an Earthen or Glass Retort, coated all over, so as it may be almost quite full, in a close Reverberatory, with a moderate fire, gradually increasing

creasing it, by opening the Registers, to the highest degree of heat, continuing it so till the Recipient is clear and cool, you will have (as in the former operations) Volatile Salt and Oyl, with some Flegm, which, in a glass Matrass with a long Neck in a Sand-heat with a moderate fire, and a fit Head and Receiver firmly luted, you may rectify, separate, and keep a-part: the volatile, white, crystaline Salt will stick to the top of the Head, which put into a strong glass Bottle stopping it very close: the Oyl and Spirit separate: the *Caput Mort.* in the Retort you may cast away.

139. *The Volatile Salt of the Viper* is a specifick against the Venom of the Viper, or of any other Poysonous Serpent or Beast. It is a certain cure for the Plague or Pestilence, if curable, and is an Antidote in the Measles, Small Pox, and other malign Feavers, or epidemick Distempers: for it resists all Putrefaction, cures Agues caused thereby, chiefly Intermitting, and more especially the Quartan, for which it is said to be a Specifick. It dissolves coagulated Blood, prevents inward Apostems, and cures the Pleurisy without Blood-letting. It strongly fortifies nature, and enables her to perform all her Functions as she ought to do. It cheers the Mind, comforts the Heart, and revives the Spirits Natural, Vital, and Animal: It causes the Nutriment to be distributed to all parts of the Body, whereby it becomes a Specifick in Curing Consumptions. It opens all Obstructions in any part of the Body whatsoever, and shrobby cures the Scurvy and its Scorbutick train, causes a free Circulation of the Blood, and through purifies its Mass, casting away its feculences through the Pores of the Skin, thereby clearing it from Erysipelas, Scurffs, Scabs, Itch, Scald-heads, Tetters, Ring-worms, *&c.* It is the most powerful remedy in Nature for the cure of the Leprosy, and Elephantiasis, whose sight ture in part the living Crea-ture doth bear. For it cures

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attenuates, opens, penetrates, and expels through the Pores, all the Impurities which infest the whole Mass of Blood, and habit of the Body; expelling them also in part by Urine, and sometimes by Stool. It opens Obstructions of the Liver, Spleen, Mesentery and Womb, dissolves cold and viscous flegm; cures Lethargies, Apoplexies, Megrims, Vertigo's, Convulsions, Palsies, and all other cold Diseases of the Head. It strengthens the Stomach and helps digestion; prevails in Faintings, Swoonings, and Palpitations of the Heart, as also in Coughs, Colds, Asthma's, Inflamation of the Lungs, and other Diseases of the Breast. A safer, speedier, better, or more effectual Medicament, cannot be found again in the whole Art of Physick. The Oyl and Spirit have the same Virtues, but not altogether so powerful. Dose of the Salt gr. vj *ad* xx, or more, and sometimes to ℥ss; of the rectified Oyl a gut. iij *ad* x: of the Spirit a gut. xx *ad* xl.

III. *Observations on Minerals.*

140. *The calcination of Gold by the Inquart.* The name of *Inquart* is given to this *Immersive* calcination of Gold, for that there is mixed therewith three times as much in weight of tryed Silver. Thus, ℞ *Gold* ℥j: *fine Silver* ℥iij: *melt them together in a Crucible: being melted, pour them by degrees in a large Copper Vessel fill'd with Water to cause* Granulation, *so will they fall in small grains to the bottom of the Vessel: Dry them well, put them into a Matrass, and effuse thereon three times its weight of* Aqua fortis, *and keep the* Matrass *over a moderate Sand-heat till the Silver is dissolved by degrees, and the Gold precipitates to the bottom in a black Powder: then decant the clear Liquor by Inclination into an Earthen Pot full of Water: put upon the Gold again a little more* Aqua fortis *to compleat the dissolution of the little remaining Silver, and decant*

decant again, as before, into the former Pot of Water: The Calx of Gold remaining wash with Common Water till it is sweet; dry it, and make it red hot in a Crucible, so will it be very high colored, and may be either so kept, or melted in the same Crucible by adding a little Borax, and so cast into an Ingot, which is then the most fine Gold. This is the highest and best purification of Gold that can be, and the best seperation of Gold from Silver.

141. *The dissolved Silver* may be precipitated by putting into the Water a flat Bar of Copper, for by this means the *Aqua fortis* quits the Silver and seizes upon the Copper, so that the Silver precipitates to the bottom in a Calx or Lime, which you may dry, and either keep it so, or melt it with a little Salt of Tartar in a Crucible into an Ingot, which will be most fine Silver.

142. *The purification of Gold by Antimony.* ℞ *Gold* ℥ j. *melt it in a Crucible, and then add to it Antimony in ponder* ℥ iv. *continue a strong fire till the matter begins to sparkle, or sparkles fly out, by which you may be sure that the Antimony has consumed all the foreign matter or impurities of the Gold: then take the Crucible out of the fire and cast the melted matter into an Iron Cornute well heated & greased with, knocking the Cornute to make the Gold descend to the bottom: being cold separate the Regulus from the Scoria: melt the Regulus again in a Crucible over a strong fire, and cast in by little and little three times its weight of Salpeter; continue a good strong fire, that the matter may remain in fusion, till all the Fumes are gone, and the Gold appears clear and clean, then cast it again into the said Iron Cornute, well heated and greased, knocking it as before, so will the Gold and Regulus remain at bottom perfectly pure.*

143. In Our *Pharmacopœia lib. 3. cap. 1. sect. 4.* we have shewn how to make a fine Calx of Gold by *Amalgamation.* If you take the subtil Calx well washed with fair

fair Water and dryed, and mix it with three times its weight of *flowers of Sal Armoniack*, well prepared and pulveriz'd, then put them into a fit blind Alembick, and ſublime them together in a Sand-heat with a moderate fire, and laſtly, waſh away the ſaid Flowers with fair warm Water ſeveral times, till the Calx of Gold is ſweet, you will have the moſt ſubtil and well prepared Calx of Gold (or rather flowers) that can be, and the moſt fit to make *Tinctures* with, *Aurum potabile*, *&c.* See Sect. 17. of the place aforecited.

144. *To refine Silver by the Coppel or Cupel, that is, with Lead.* Be *a Cupel made of Aſhes, or Bones or Horns, cover it and heat it gently with Coals, till it grows red hot, caſt into it four or five times as much Lead as you have Silver to purify. Let the Lead melt, and fill the ſides of the Coppel, which is quickly done, then put in the Silver into the middle, and it will ſuddenly melt: lay Wood round about the Coppel, and blow it, that the flame may reverberate on the matter; the Impurities will mix with the Lead, and the Silver remain pure in the midſt of the Coppel, the Lead being filled with the droſſy parts, lying on the ſides like Skum, which may be gathered up with a ſpoon, and is called* Litharge. *According to the degree of Calcination it has endured it becomes of divers Colours; and accordingly is called* Litharge of Silver, *or* Litharge of Gold. *The Coppel being full of Pores, you muſt caſt your Silver into an Ingot, elſe it will ſuck it up. But if Gold is mixt with your Silver, this Work will have no Operation upon that, and therefore you muſt have recourſe to the* Inquart *for ſeparation.*

145. They who have not all theſe conveniencies for refining of Gold or Silver, do no more but place a Crucible upon a Culot in the middle of a Hearth-place in a Wind Furnace, and having lighted round about it a good Coal fire, they melt in the red hot Crucible about ℥jv. of Lead, and then caſt upon

on it ℥j of Silver, which presently melts among the Lead: Then they keep a good fire about the Crucible, till the Lead and all the other Imperfect Metals mixed with the Silver, are exhaled into Smoak, or converted into Scum, on the top of the Silver, which at the bottom of the Crucible will be solid, white and very pure.

146. *Crystals of* Luna. ℞ *filings of Luna* ℥j: *spirit of Niter* ℥iij: *make a dissolution over a gentle Sand-heat: put this dissolution into a glass Cucurbit, and in a Sand-heat (a Head and Receiver being luted to it) draw off* ¾ *of the Spirit of Niter, then in a cool place, set the rest to Crystalize. The Liquor not Crystaliz'd decant, and evaporate again to a thin Skin, and then set it to Crystalize again: or you may totally evaporate it, and have a Calx or Lime of Silver at bottom, which you may edulcorate by manifold ablutions in fair Water. The Crystals being gathred and dryed keep in a Glass close stopt. They are of wonderful use in all inveterate Headachs, Megrims, Vertigo's, Epilepsies, Apoplexies, Lethargies, Catarrhs, &c.* Dose from half a grain to ij grains. 'Tis an admirable Medicine.

147. *The Silver Tree of the Philosophers, commonly called* Diana's Tree. ℞ *filings of Silver* ℥j: *spirit of Niter* ℥iij: *make a dissolution: put this into a Matrass, wherein is put fair Water* ℥xviij *or* xx: *and Quick-silver* ℥ij: *let the Matrass be no bigger, but that these quantities may fill it up to the Neck; set it upon a Wreath, or rowl of Straw, or Rushes for forty days in some convenient place; and in that space of time (for less will scarcely do) you will find a Tree, grow, and spread forth its branches, with little Balls at their ends representing its Fruit.*

148. *Tincture of Luna.* ℞ *the most subtil Calx or Lime of Luna, Volatile Salt of Tartar, Volatile Salt of Urine, A.* ℥j: *highest rectified* S. V. ℥xij: *put them into a Matrass, which cover with*

with another leſſer Matraſs inſtead of a blind head: lute or cloſe the joins with wet bladders: digeſt in a very gentle Sand-heat for 20 or 30 days, ſhaking the Veſſel 2 or 3 times a day, till the S.V. *or Menſtruum looks of a glorious cœleſtial azure or blew Colour: then unlute the Veſſels, and decant the Tincture into a ſtrong glaſs, which keep cloſe ſtopt for uſe.* This Tincture is only a diſſolution of ſome particles, which the Volatile ſulphurous parts of the menſtruum have volatilized. With the remaining Calk of the Silver you may continually make new Tincture, till it is all diſſolved or waſted. This Tincture has all the Virtues of the Cryſtals of Luna aforeſaid, at Sect. 131. and may be given à gut. vj ad xvj. in Cinnamon water or choice Canary, or black Cherry-wine.

149. *The Calx of Silver* (if you are not minded to keep it) you may thus revive. ℞ *Tartar, flints in ponder* A. ℥ j: *good Niter* ℥ iv: *Charcole in ponder* ℥ ij: mix theſe, and melt toge-ther, put them into a mortar warmed, and when cold, mix thereof with the calx of Silver an equal quantity, put all into a crucible and with a fire of Fuſion, or a melting heat, you may reduce the ſaid Lime into Silver again.

150. From the ſaid Lunar Calx, you may alſo extract a Tincture with oyl of Vitriol or Salt, dulcified with rectified S.V. which is no mean Medicine.

151. *Salt of Steel.* ℞ *Oyl of Vitriol or Sulphur, rectified* S.V. *A.* ℥viij: *put all into a new iron pan, ſmooth within, mingle them well, Cover it with a ſheet of Paper, and let it ſtand for fifteen or twenty days, or till a whitiſh grey Salt ſtick to the ſides and bottom of the Pan, and becomes dry; which ſeparate, gather and reduce into a fine Pouder.* It is an admirable thing to open all Obſtruction of the Viſcera, and may be given from ℈ſs *ad* ℥ſs.: in any Specifick Liquor. It is one of the beſt Preparations of Mars.

152. *Aurum fulminans,* has a force vaſtly ſtronger than

than Gun pouder, *viz.* as 1. to 200. for one ſcruple of this fulminant Gold put into a Silver Spoon, and held over the fire, will give a louder bounce and do more miſchief than two hundred ſcruples of the fineſt and beſt Gun-pouder, which is above half a pound. 'Tis doubtleſs a good Medicine taken inwardly, and by ſome thought to be the beſt Medicine in the World, to expel, by Sweat, Mercury out of the Body, having been given by unskilful Hands.

153. *Tin may be ſublimed thus:* mix Calx of Tin with four times its weight of Sal Armoniack, in very fine Pouder: put them into an good Alludel upon a fit Furnace, covered with three or four Pots one upon another, luting well the Joynts, covering the uppermoſt only with a little Head: kindle a gentle fire under the Alludel, which increaſe by degrees, till the Alludel is red hot in all the lower parts: then caſt in at the hole ℥ſs of the Pouder, cloſing it immediately, ſo will the Tin and Salt ſublime in Vapors, and condenſe in Flowers within the Sides of the Pots. After caſt in ℥ſs more of the Pouder, ſtop the hole again, till the Vapours aſcending, condence into Flowers: and thus continue the operation till all the Pouder is ſpent, keeping all the while a good fire under the Alludel, by which means all the Tin will be ſublimed: if you put equal parts of Tin and Salt, the greateſt part of the Tin will remain at bottom. The Sublimation ended, and the Veſſels cold, gather the Flowers from the Pots; and put them in an Earthen Veſſel full of clear Water, let them reſt twenty four hours, then pour off the Water ſo will the Calx of Tin be at bottom in form of a Magiſtery, which you may edulcorate by many Waſhings, dry it in the Shade, and then keep it in a glaſs cloſe ſtopt. It may be given alone, or mixt with other things in Hyſterick Caſes. You may ſublime it in like manner, by ſubliming it with Sal Niter: And theſe Flowers may be made

Place here [v] [x] [y] [z.] Beginning folio 289.

made into Salt of Tin, by diſſolution in Spirit of Vinegar.

154. *Artificial Biſmuth, ſcarcely poſſible to be diſcerned from the true.* ℞ *pure Tin Plates* ℔j, *cut them into little pieces, lay a layer of cement and a layer of Tin in a good Crucible, till the Crucible is nearly full: ſet it over a naked fire in a proper Furnace with a moderate fire for an hour; then increaſe it by degrees to the ſtrongeſt heat for four hours: after fuſion caſt the matter into a Mold heated and greaſed within, and make an Ingot:* ſo will you find the weight augmented four ounces above the weight of the Tin. The Cement is thus made: ℞ *Arſnick* ℔ſs: *White Tartar* ℥jv: *Salt peter* ℥ij: *beat the whole, and mix them together.* After the ſame manner is made *Zink*, of the ſame Subſtances, in the ſame Proportion, and with the ſame Inſtruments, ſave there *Lead* is uſed inſtead of *Tin*.

CHAP. XXVI.

of the POWERS *of Medicaments, chiefly from* Paracelſus.

1. WE have formerly (ſaith *Paracelſus*) mentioned the *Quinteſſence* or *POWER* which is in all things, now we are to conſider what that is: The *POWER* or *POWERS* therefore is a certain matter Corporeally extracted out of all the things which Nature hath produced; and alſo out of every thing which hath Life in its Self, and is ſeparated from all Impurities and Mortality, is moſt ſubtilly mundified, and likewiſe ſeparated from all the Elements, (though brought forth in them.)

2. From hence it is evi-

Place theſe ſheets [v] [x] [y] [z.] after folio 320.

dent, that the *POTESTATES* or *POWERS* of things are as if they were the Nature, Force, and Virtue of thoſe things, ſhut up and impriſoned in the ſaid things themſelves, but are now free from their firſt habitations or dwelling places, to wit, their extraneous Incorporation: theſe ſame *POWERS* are the Colour, Life, and Propriety of things; they are a Spirit like the Spirit of Life, with this difference, that the Spirit of Life of a thing is permanent, but of a Man Mortal; from whence may be underſtood that *POTESTATES* cannot be extracted from the Fleſh or Blood of a Man; and for this Reaſon, becauſe the Spirit of Life, which alſo is the Spirit of Virtue, dies, and the Life exiſts in the Soul. By the ſame reaſon alſo, all other Animals, becauſe they loſe the Spirit of Life, are therefore wholly Mortal, and afford no *POTESTATES* or *POWERS*, for the *POTESTATES* are the Eſſential Spirits of the thing in all its Properties or Principles of Sal, Sulphur, and Mercury, and therefore cannot be ſo well Extracted out of things ſenſible, as out of things inſenſible.

3. But this is to be underſtood according to the Being and Nature of the Vitality, for in Animals the Spirit while Living is the near or conjunct cauſe of their Motion, Strength and Action; but in their Death, it is not ſo much as the remote cauſe of any thing belonging to the Carcaſs; *Paracelſus* is therefore to be underſtood in this very Sence, for in the other Caſe, a Dead Body has all the three aforeſaid Properties or Principles, and from which they may be all ſeparated, and the *POTESTATES* according to the kind, may from thence be Extracted, as well as from all other Natural things, though it is true, the ſaid *POWERS* cannot be endued with that Motive, Active, and Senſible Spirit, becauſe the ſaid Spirit is no part of their Eſſence: However you may have out of all Dead Bodies

Bodies the ſaid *POTESTATES* pure and perfect according to the Nature of their Eſſence, or being and form or matter: this is chiefly to be underſtood of ſuch Animal Bodies as are kill'd by force; as for thoſe that dye of themſelves, or by means of any Diſeaſe: you can expect nothing but a weaker and diſeaſed *POWER*, for as much, as that the Creature would not dye of its Self, unleſs all its natural *POWERS* were before hand either extinct, diſſolved, or weakned in a very great meaſure.

4. *Bawm* hath in it ſelf a Spirit of Life, the which is its Virtue, *Power* and Medicine; and although it be ſeparated from its Root, yet notwithſtanding the Life and Virtues are within it, for this Reaſon, that it is a fixed Prædeſtination: Therefore its *POWERS* may be extracted from it, and be alſo conſerved with the Life thereof without Corruption as a thing Eternal according to its Prædeſtination: Could we extract after this manner the Life of the Heart, without Corrupting it, even as it is poſſible to do out of things inſenſible, without doubt we might be capable of Living perpetually without the knowledge or feeling of Death or Diſeaſes; the which thing is impoſſible for us to do, and therefore we muſt expect to dye.

5. Whereas therefore the *POWERS* are the Virtues of the Things; We muſt in the firſt place tell you in what form the Virtue and Medicine is in things; and that on this wiſe: Wine contains in it ſelf a mighty great *POWER*, whereby it hath wonderful Operations; yet notwithſtanding, there is not ſo much of the Operation as of the Wine, as is evidently apparent. If Gall be caſt into Water, it makes it all bitter, although the Gall be not the hundred part of the Water: ſo the ſmalleſt Portion of Saffron will ting a great quantity of Water; all which doth not therefore become Saffron; Thus in like ſort it is to be underſtood of their *POWERS*; their

quantity is very little, and lodge as a Gueſt in Woods, Herbs, Stones, and ſuch-like, the reſidue is a mear abſolute Body of Earth, the which we write of in the Book of the ſeparation of the Elements.

6. Now we are not to dream, that the *POTESTATES* or *POWERS* called by *Paracelſus*, a Quinteſſence, are a certain fifth Eſſence, above the Elements, when as even it ſelf is an Element. Likewiſe ſome or other may ſuppoſe that the *POWERS* are a temperate Eſſence, *viz.* neither cold nor hot, nor moiſt, nor dry; but truly it is not ſuch, but of of the nature and quality of that from whence it is drawn; and it is the *POWERS*, that gives the Simple the quality that it bears: Nor is there any thing which conſiſts of ſo equal a temperature, for by it, it would be wholly alienated from the Elements. But all *POTESTATES* have a nature according to the Elements; as for Example: The *POWERS* of *Gold* have a Nature according to the *Fire*. The *POWERS* of *Silver*, according to the *Water*. The *POWERS* of *Saturn*, according to the *Earth*. The *POWERS* of *Mercury* according to the *Air*.

7. But the Reaſon why the *POTESTATES* cure all Diſeaſes, is not becauſe of their *Temperature*, but becauſe of their *implanted Property*, their great *cleanneſs* and *purity*, whereby they do in a wonderful manner alter and change the Body into cleaneſs, for even as a ſpot or film is took off from the Eye, wherewith it was darkned afore, even ſo do the *POTESTATES* mundify the Life in Man.

8. But it follows not that all theſe ESSENCES or *POWERS*, muſt neceſſarily be of one and the ſame Nature mutually; No. Nor all the fiery natured ESSENCES, or *POTESTATES* of the ſelf ſame Operation, by reaſon of their Complexion: as for Example: Should any ſuppoſe, That the *POTESTATES* of *Anacardiums*, have the very

very like, and self same operation as the *POTESTATES* of Gold, because both of them are of a fiery Nature; he would be extreamly mistaken: because the *Predestination* and *Disposition* causeth the diversity of Virtues. For even as every *Animal* contains in it self the *spirit of Life*, and yet for all that, they have not all of them the very same like Virtues, because they all consist of Flesh and Blood, but one differs from another in Tast, so in Virtue. Even so it is with the *POWERS* of differing Medicines, the which do not receive their Virtues from the Elements, simply understood, but from an Existing Propriety in the same, according to our Discourse, in the Book of the Generation of things.

9. Hence it is, that some *POTESTATES* are *Stiptick*; some are *Narcotick*; other some *Attractive*; others *Hipnotick*; others *bitter*, *sweet*, *benumming*; and others are *Renovaters* of the Body into Youthfulness; others *conserve* it in *Health*, *purge*, *bind* it, &c: the Virtues of which *POTESTATES* are innumerable, nor can they be reckoned up here, but yet a *Physician* should know them very well.

10. When therefore the *POTESTATES* are separated from the *Non-POTESTATES* as the *Soul* from its *Body*, and that it be taken inwardly into the Body, what Infirmity is able to resist so noble, pure and potent a Nature? Or, to take away the Life from our Body, Death excepted, *viz.* the prædestinated time which separates the Body and Soul, as we teach in Our Book of *Life and Death*. We are also to consider in this place, that every Disease requires its peculiar *POTESTATES*; although we teach some that are fit for all *Diseases*. But by what reason that comes to pass, shall be taught in its proper place.

11. Moreover we testify, that the *POWERS* of *Gold* are as to their quantity, exceeding small, and the residue is a Leprous Body, in

which there is remaining neither ſweetneſs nor ſowrneſs, nor any Virtue or *POWER*, beſides the mixion of the four Elements. And this Secret we ought not to be ignorant of in the leaſt, *viz.* that the Elements themſelves cannot without the *POWER* reſiſt any Diſeaſe, but are only thus much, and no more than thus; *to wit*, to heat or to cool, without any kind of Virtue. As, put caſe, the Diſeaſe be *hot*, it is driven out by *cold*; but not by that *frigidity* which is void of cold Virtues; as *Water* and *Snow*, the which two though ſufficiently cold, yet are void of *POTESTATES* by which the Diſeaſe ought to be expelled.

12. On this Account, the *Body* of *Gold* is of it ſelf invalid; but its *POTESTATES* only exiſting in that Body, and in its Elements, yields thoſe Virtues therein hidden. So likewiſe it is in all other things, it is their *POTESTATES* only which Cure, heal, and tinge the whole Body, as Salt doth excellently ſeaſon any food. The *POWERS* therefore are they which give *Color*, be it what ever it will, *even the moſt glorious*; alſo *Virtue*, by which it is operative. And if Gold be ſpoiled of its *color*, it doth likewiſe looſe its *POTESTATES*. The ſame is to be underſtood of other Metals, that when their *Colors* are removed from them, they are then robed of their *POWERS* or natural Virtues.

13. The like is in Stones and Gems: As the *POTESTATES* of *Coral* are a certain *fatneſs* with a *redneſs*, but the Body is *white*. The *POTESTATES* of the Emerald is a *green juyce*, and the Body of it is alſo *white*. The ſame is to be ſuppoſed of all the reſt of the *Stones*, *viz.* that they looſe their Nature, Eſſence, and Properties, together with their Colours, as we teach peculiarly in their *Extractions*.

14. In like manner of Fleſh and of Blood, from which the firſt *POTESTATES* cannot be extracted, for the reaſons abovementioned; but a ſe-

con

cond POTESTAS (in the ſimilitude of the firſt) we may extract therefrom; after this manner a peice of Fleſh is as yet furniſhed with its whole Nature and Virtues, and therefore there is a Life in it, which is an Eſſential and Centeral one; which although it be not the true Life, is nevertheleſs a preſerved Life, and that ſo long until it putrefies. *See ſect. 3. above.*

15. And therefore this difference is to be noted, whereby dryed Herbs, and ſuch like, are to be accounted of, as was ſpoken of Fleſh. For that green Spirit which is their Life, is periſhed from them; thus it is with Blood and dryed Herbs. Which indeed although they want their firſt Life, yet do they yield a POTESTAS indued with manifold Virtues. But Metals and Stones have in them a perpetual *Life* and *Eſſence*, nor do they dye. But as long as they are Metals or Stones, ſo long alſo does their Life endure. Therefore alſo do they exhibit perfect POTESTATES, which may in like manner be extracted from them.

16. We are alſo to ſee by what way the POTESTAS or POWER, is to be extracted. Verily there may be many ways. Some are made by addition of their *own Inflamable ſpirit*, made by fermentation: others by *Balſamites*: ſome by the ſeparation of the Elements: and by many more ſeveral ways, which we ſhall not count here particularly.

17. But what way ſoever they are done; the POTESTAS muſt not be extracted by the addition or mixion of things inconvenient and unſuitable with it; but the Elements of the POTESTAS is to be extracted alone, from the ſeparated Body; and likewiſe by ſuch a ſeparated Body as is Extracted; there are many ways by which the POTESTAS may be extracted, *viz.* by Sublimation, Calcination, by Strong Waters, by Corroſives, by ſweet things, by ſowr things, *&c.* and it may be done any kind of way.

18. But this alſo is to be noted: that every thing which hath been admixed to the matter, by reaſon of the neceſſity of Extraction of the POWERS, that ſame thing is to be extracted again therefrom, that ſo the POWERS may remain alone, without being poluted, or permixed without any other thing. For it cannot poſſibly be, that the POTESTATES can be extracted from Metals, and eſpecially from Gold (for that cannot be over come by it ſelf) without uſing ſome fit Corroſive or diſſolvent, that may again afterwards be ſeparated therefrom. So Salt, which was Water, is again extracted from the Water, ſo that this Water is void of Salt.

19. But now this is to be conſidered, that it is not every corroſive or diſſolvent, that is fit for this Work, becauſe they cannot all of them be ſeparated: for if Vitriol or Alum be permixt with Water, neither of them can be ſeparated from it afterwards, without detriment or corruption, but they leave behind them a ſharp reſidence; and that for this Reaſon, becauſe that they are both Watery, and there is made a Concurrency, or Meeting of two likes; the which ought not ſo to be in this place.

20. Therefore diligent heed is to be uſed, that you take not a Watery Body to a Watery, nor an Oyly Body to an Oyly, or a Reſinous to a Reſinous Body; but verily the contrary ought to ſeparate the POTESTAS, and to extract it. Water extracts the POTESTAS of Oleaginous Bodies, (as is mentioned of the Metals) and Oleaginous things the POWERS of Watery Bodies, as we may learn in the POTESTATES of Herbs.

21. Therefore after the ſeparation and extraction of the POWERS, the corroſives or diſſolvents are to be again ſeparated which will eaſily be done, for Oyl and Water are eaſily ſeparated; but Oyl from Oyl not ſo. Nor can Water be ſeparated from Water; the which thing being left, may bring to the POTESTATES a very great loſs: for

for the POTESTAS muſt be clear and undefiled, and muſt be gathred without the permixion of any thing whatſoever, that it may have a uniform ſubſtance, whereby it may be able to penetrate the whole Body.

22. The ſubtilty and Virtues of theſe POTESTATES or POWERS, cannot be fundamentally found out, no more than their Original from whence they firſt proceeded can be known. For they have many degrees. The POWERS of one thing are againſt *Feavers*, as are thoſe of *Opiates*. The POWERS of another thing are againſt the *Hypoſarcha* or Dropſy, as the Eſſence of *Tartar*. The POWERS of another thing againſt the *Apoplexy*, as thoſe of *Gold*: The POWERS of another againſt the *Epilepſy*, as thoſe of *Vitriol*. The number hereof are even infinite and unſearchable by Experience.

23. 'Tis worthy therefore the higheſt conſideration and dilligence, that to *every Diſeaſe*, its true *Enemy* or *Remedy* may be aſſigned: for ſo Nature will give an incredible aſſiſtance, the which we will make a better declaration of, in what follows.

24. We cannot ſpeak of the *Degrees* of POTESTATES in ſuch a manner as in the aſſignment of *Degrees* to ſimple things in *Medicines*; the reaſon is this, becauſe there can be no compariſon of the *Degrees* of POWERS, to the *Degrees* of Simples, nor indeed may be: but when they are exalted, the Excellency and Virtue of One is found to be greater than that of another, and not the Complexion. Nor is it to be conceived, that the POWERS of *Anthos*, are hotter than the POWERS of *Lavender*: Or the POWERS of *Venus*, dryer than thoſe of *Luna*: but the Degree of any thing is to be diſcerned by the great and more excellent Virtues, that it hath, after the following manner.

25. The POTESTATES of *Antimony* cure the *Leproſy*: the POTESTATES of *Coral* cure the *Spaſm* and *Torſions*, or Gripings. But now to know which of theſe is

is the higher and better graduated, there can be no other Judgment of it than this, *viz.* That the POWERS of *Antimony* are higher, and more excellent, and that for this Reason, because the *Leprosy* is a more grievious Disease than the *Cholick* is with all its Appurtenances: And therefore answerable to the propriety that each have against divers Diseases, are their degres to be consider'd.

26. Yea also in one and the very same Disease; for so in the *Leprosy*, one *Essence* or POWER is more efficacious than another. The POWers of *Juniper* expell it: so also the POWERS of *Ambergrise*, of *Antimony* and of *Gold*. Now although all these POTESTATES will cure the *Leprosy*, yet notwithstanding they do it differently; nor do they consist (as to the Cure thereof) in one and the same degree.

27. For the *Essence* or Powers of *Juniper*, expells this Disease by a most high repurgation and cleansing, which it brings into the Blood, and consumes the Venom so that it is not so perceptible: and therefore to be accounted in the first degree of that Cure. The POWERS of *Ambergrise* takes away the Venom also: and doth more, for it mundifies the Lungs, Heart, and Members subject to the *Leprosy*: and therefore the second Degree is to be attributed thereto.

28. The *Essence* or POWERS of *Antimony* do yet go farther than the two aforesaid Virtues; they mundify the skin, and accuate and renew the whole Body after a wonderful Manner, and therefore do obtain the third degree. But the POWERS of *Sol* do even alone accomplish all those operations, and radically take away all the Symptoms of the *Leprosy*, and so renews the Body, even as Honey and Wax are purged from their Comb, and therfore it possesseth the 4th degree.

29. By this kind of Way are the Degrees of POTESTATES to be known and distinguished one from another; that is, which of them is more high, or more excellent. Besides

ſides *Simples* are to be known by their properties; for as is their property in the ſimple form, ſuch alſo are their POWERS; not ſluggiſher, but muchmore powerful and excellent.

30. Moreover, We muſt likewiſe know the Differences of POTESTATES: for ſome of them do very much coincide or ſerve for the *Liver*, to reſiſt all its diſeaſes; ſome for the *Head*; others for the *Reins*; ſome for the *Lungs*; others for the *Spleen*, and ſuch like. Likewiſe ſome do opperate only on the *Blood*; others on the *Flegm* only; ſome upon *Melancholy* only; others upon *Choler*; and others upon *all the Humors*.

31. Again ſome POTESTATES, have their Operations in the *Humors* only; ſome in the *Spirit of Life*; ſome in the *Nutritive Spirit*; ſome in the *Bones*; otherſome in the *Fleſh*; ſome in the *Marrow*; otherſome in the *Griſtles*; and ſome in the *Arteries*. Alſo there are ſome that opperate againſt ſome *Diſeaſes* only, and againſt none elſe, as the *Palſy*, *Epilepſy*, *Convulſions*, *Fluxes*, *the Dropſy*, &c. Some alſo are found to be *Narcoticks*, others *Anodyne*; ſome *Somniferous*, others *Watchful*; others alſo Attractive, Purgative, Mundificative, Incarnative, Comfortative, Regenerative, Stupefactive, *&c.*

32. Furthermore, there are ſome to be found that *Renovate* and *Reſtore*; that is, ſuch as tranſmute the Body, Blood and Fleſh. Otherſome for the *Conſervation* of the *Diuturnity*; or prolongation of Life. Some for the preſervation and retaining of Youthfulneſs; ſome of them work by *Tranſmutation*; and ſome by *Enkindling* or ſtirring up. Moreover, this is to be underſtood, That ſome POTESTATES have a *Specifical* Form, others an *Appropriated* form; ſome an *Influential*; others a *Natural* form.

33. Briefly, there are many more Virtues that they are endued withall, which we are not able to Deſcribe; and their Operations in Medicine, are exceeding admirable

rable and unſearchable, and that variouſly. For ſome POTESTATES will make a man of an hundred years old like to one of but twenty years of Age; and that by their own Virtues and Power. And now what man is able to ſearch out the original of ſo great a Myſtery? Or to find out from whence the *firſt matters* do naturally ſpring? It is at the pleaſure of the moſt Supream Creator, either to make them ſo, or to forbear.

24. Who ſhall inſtruct us to know what the Virtues of the POWERS of *Antimony* are, by which the old Hair is caſt off, and new ſprings up in its room? likewiſe why the POWERS of *Bawm* roots out the Teeth, and eradicates the Nails of the Hands and Feet, and cauſeth new ones to grow in their places? Or how the POWERS of *Rebis* rubs and ſcours off the Sin, and renews it? How the POWERS of *Celandine* change the Body, renewing it into good and better; juſt ſo as freſh colors renew a Picture? There are far more properties than theſe, which we omit here, reſerving them to be declared in another place.

25. And now at laſt, how can it bee poſſible, that we can relinquiſh and neglect this noble Philoſophy and Medicine, ſeeing that Nature affords unto us ſuch wonderful Experiments, both in and from them? yea ſuch as the other faculties are wholly deſtitute of; for that they are placed in a meer cavillation.

26. Why ſhould not this ſtrange Operation be very pleaſing unto us, *viz.* That the POWERS of the *Carlin Thiſtle* take away the forces or ſtrength of one man, and beſtows them upon another that uſes them? likewiſe that the POTESTATES of *Gold*, inverts or turns as it were, the whole *Leprous* body inſide outwards, and ſo waſhes it as an Inteſtine or Entrails are waſht at the Slaughter-houſe; and do likewiſe remove the ſcabby Skin, and make a new one; looſening the Orgains of the Voice, and taking away the whole

whole *Leprous* Complexion, producing such a new or renovated one; as if he newly came forth from his Mothers Womb.

37. Now therefore, We will apply our mind to the making of these POTESTATES, and direct you the way of their Extraction or Composition. To this purpose we will endeavour to declare them in a just and due order, together with their Appurtenaces; to wit, one way for *Metalls*; another for *Marcasites*; another for *Salts*; another for *Stones* and *Gems*; another for *Burning things*; another for *Growing things*; another for *Spices*; and another for *Comestible and potable things*.

38. But yet you are to take notice, in the Practick part of making POTESTATES or POWERS, That the Theory, and a good knowledge of Natural things is requisite: yet notwithstanding Theorically of the propertys of things to natural Diseases: Nor are we to be ignorant of the difference between POTESTATES and *Aurum Potabile*, *Arcanies*, *Magisteries*, and others of that kind, thus: POTESTATES cannot be again reduced into their Bodies; but *Aurum Potabile* may be again *transmuted* very well, into its Metalick Body: and therefore the Virtues that are in POTESTATES, are far more noble than in other things.

39. But now in Our thus Discourfing of POTESTATES, the *difference* in respect of the one and the other is to be known, and also what that *difference* is. And although we have sufficiently Explained it afore, yet the Practick allures and calls us some other way; by which said way, the condition and nature of the said POWERS comes to be found out and known.

40. For although all do not appear in the form of POWERS, nor are made after the same manner, nor consists of one Element alone, as POTESTATES ought to do; yet nevertheless, 'tis to be understood, that as to the POW-

POWERS of those things, they are more than so, as to be called POTESTATES; and are rather to be stiled a certain *Arcanum* and *Mystery*, concerning which, more should be written than we have here said; but whereas we have declared the same in other Books, we shall pass it over in this place.

41. The number of the *Arcana's* and *Mysterys* of this Art is infinite and unsearchable, and many are the ways thereof, that we meet withal, and which require the attentive heed of a mans quickest ingenuity; but yet among all this number of *Arcana's*, we will here rehearse *four*. The first of these Secrets is *Mercurius Vitæ*: the second is the *Prima Materia*: the third is the *Philosophers Stone*: the fourth is the *Tincture*.

42. And although those *Arcana's* are, as to their revealment, rather *Angelical* than *Humane*, yet nevertheless we will not greatly fear or doubt of them, but will rather endeavour to search out the ways of Nature; and even all that which hath proceeded from Nature, may in my Opinion be also naturally understood.

43. We do therefore profess concerning *Mercurius Vitæ*, That it is not a POTESTAS, but an *Arcanum*; because there are in it many Virtues and Powers which preserve, restore, and regenerate, as we write in the Book of *Arcana's*. So likewise the *Prima Materia* doth not only act upon living Bodies, but also on dead, after the same manner, more than can be imagined to be done naturally. The *Philosophers Stone* in like manner shews its efficacy, the which tinging the Body, doth cure it of all Diseases, even as each of the Metals are cleansed from their Impurities. Lastly, the *Tincture* in the same manner, doth as well transmute the *Disease* into *Health*, as it doth *Luna* into *Sol*.

44. *The general way of making* POTESTATES. I will not in the least be tedious; but briefly disclose the Practick. *Reduce the ma-*

ter (prepared according to the process, in the Book of the Death of things) into a liquid substance with AF. and separate the three imperfect Elements, by very many Cohobations and Putrefactions; then the fixt Element, of what kind soever it be, remains rightly in the bottom. Now abstract the Volatile, (which comes over in the separation of the Elements) from the fixt oftentimes, that so the POWERS which partly ascended with the flegm, may be again co-united. Take then the fixt Element, which remained after the separation of the three imperfect Elements (what kind soever it be of) and dissolve it in its appropiated water, each according to its nature; keep it in the greatest putrefaction, distil it by Cohobation, the rest per descensum. Putrify it yet a little more, distil and conjoyn all, and distil it in B.M. even to an oylinesse, then corrupt or break it with the subtil S.V. by boyling; then the impure will settle to the bottom, and the pure will swim at top, separate it by a Tritorium or separating glass, and that it may therewithal loose the nature of the A.F. pour on a greater quantity of the S.V. the which abstract often, till the POTESTATES become sweet: lastly wash it off with common cold water, and keep the POWERS for use.

45. After the like manner you are to conceive of *Marchasites*, *Stones*, *Resins*, *Herbs*, *Flesh*, *Excrements*, *and fixt things*, *viz.* That the three imperfect Elements be separated, and that the fixt Element be farther proceeded with, as in the former section, and as we shall hereafter more particularly declare.

46. Now whereas I have thus briefly taught the general way of making the POWERS of things, and the so short way of their Extraction, there is no cause for any to wonder, at the hasty running of my Hand or Pen, because the way and method is well and sufficiently delivered. Nor are these POTESTATES so succinctly or briefly written of by us, but that

that the work and labour neceſſary thereunto, is moſt evidently Demonſtrated: 'Tis to be conſidered that Exerciſe and uſe teach all things.

47. But as to the wonderful Virtues and Faculties of POTESTATES thus Extracted, or as we ſhall hereafter teach, we have already ſpoken, and ſhall more abundantly in ſome other parts of this Work. And although that many Men afore us, have in various Inſtructions and Documents written ſome great matters of *Quinteſſences*; nevertheleſs, we do not account of what they have Written, as for a *Quinteſſence*, POTESTAS or POWER; the cauſe of which we ſufficiently declare.

48. By their Writings it is apparent, that *Verdigriſe* was accounted by them to be the *Quinteſſence* or POWER of *Venus*; which is not ſo; but the *Crocus* of *Venus*, is the *Quinteſſence* or POTESTAS thereof, which is thus to by underſtood. *Flos Æris*, or the Power of Braſs, is a tranſmutation with, and partaking with the ſubſtance, is groſs and ſubtil together, and is extracted out of the whole *Venerean* complexion, or body and ſpirituous parts of *Venus*, and therefore cannot be a POTESTAS or *Quinteſſence*, as they call it. But the *Crocus* of *Venus*, (made as we have taught) is the true *Quinteſſence* or POWER: for it is a Potable thing and very ſubtil, ſeparated from the Body without corroſion or permixion; yea, it is more than I am willing to write down here.

49. So likewiſe the *Ruſt* of Mars, as alſo its ſolid *Crocus*, has hitherto among them been accounted for a *Quinteſſence* or POTESTAS, but it is not ſo; for the *Crocus* of *Mars* is the *Oyl* of *Mars*, yea and more than the *Oyl*, *the Spirit and the Salt of Mars*, concentrated in one uniform Body. Concerning theſe things, We ſet down more of them about *Tranſmutation*, in our *Philoſophy*.

50. PO-

50. POTESTATES therefore, are thus to be understood, *viz.* That they are nothing else but a separation of VIRTUES from the BODY, wherein the whole Medicinal *Virtue* and *Essence* is. This is a very short, but most excellent and admirable definition of this *Great Man*, the most profound PARACELSUS. But as for the *Flos Æris* and *Flos Martis*, and many more such like, to wit, what they are, shall be delivered in the place of *Magisteries*.

51. The like judgment must be had of Vegetables as of Metals; and although we have set down very many and noble *Virtues* of POTESTATES, yet nevertheless we have recited but the smallest part of their *Virtues*, *Properties* and *Qualities*: but we have chiefly declared thus much, that these things may be somewhat understood, but as to the *Quality* and *Quantity* of all their Virtues, and wherein they do excel, is not done in the least by us.

52. *Hence also is manifest the Cause, why Man was Created, and all things in the Earth made subject unto him*; likewise, why nothing, be it good or bad, proceedeth forth without a Cause, the which is more clearly declared in the Book *of the Nature of things. For that Fundamental and Basis brings with it a Faith strongly bent upon the Creator, and an hope of his Love towards us, as of a loving Father to his Children: and therefore we must not snatch at every shaddowy and vain Faith, but ought to behold God only and Nature, and the Art of Nature. Wherefore good reason have we to invoke him only in this life and for ever; and believe that only which we see so to be, and neither receive nor approve of any thing that doth not agree with Nature, or is besides her way.* This is *Wise Council* of the *Divine* PARACELSUS.

The ſpecial Extraction of POTESTATES *out of all things whatſoever, according to* Paracelſus.

53. *The Extraction of the* POWERS *of Metals.*

The ſeven Metals have one and the ſame Proceſs, and it is this: Let the Metal be diſſolved into Water, then afterwards muſt this ſolution be diſtilled by a B. and be abſtracted or drawn off, and putrified ſo long until it be reduced into an Oyl, which muſt be diſtilled out of ſmall glaſs Cucurbits, by an Alembick, and one part of the Metal will remain in the bottom, the which let be again reduced into an Oyl, as before, and be diſtilled ſo long, until all the Metal ſhall aſcend. Then let it be again putrified for a Month, and at length be again diſtilled with a gentle fire, and the Vapors will aſcend firſt, and fall into the Receiver, the which Vapors remove: then there will aſcend two obſcure colors, one White, the other anſwerable to the nature and condition of the Metal; and when they ſhall be wholly come over, they become ſeparated in the Receiver: ſo that the POTESTATES remain in the bottom, and the white color of the Body ſwims on top: ſeparate theſe two by a ſeparating Glaſs, and put the POTESTATES into another Glaſs, and put upon it the beſt rectified S.V. which let remain ſo long therewith, until the S.V. be plainly acuated, then let it be ſeparated from the POTESTATES, and more freſh be again poured on: this do often, till you perceive no more acuity or ſharpneſs: at laſt pour on Water twice diſtilled, wherewith let it be waſhed, and brought unto its ſweetneſs, ſo keep it in a Glaſs cloſe ſtopt for uſe. Thus have you the POWERS of Metals.

54. As

54. As for the *white color of the Body*, if you reduce it, you shall have therefrom a white maleable and metallick Body, the which cannot be known, as under what species or kind it is conteined. Many other ways are to be sound for the Extraction of these POWERS, which we shall be silent in, because we account them not for true Extraction of that kind, but only as *Transmutations*, in which there is no extraction made or used.

55. Now this is to be understood, That Metalls are to be divided into two parts, *viz.* into their POTESTATES, and into their BODY, both which are liquid and Potable, but will not be *permixed* together. But the impure body, turns forth the POTESTAS to its superficies, even as the *Colastrum*, or Cream is separated from the Milk.

56. By this way are made two fatnesses or viscous liquors out of Metalls; the which liquors are to be separated. As for the fatness of the BODY, 'tis always white, even of all the Metals: but their POTESTATES is colored, even as we have explained it afore, concerning the seven Metals; and they likewise have the same Process with the former.

57. The Extraction of the POWERS of Marchasites.

Take a Marchasite ground most exceeding small ℔j: *of corroding or eating Water* ℔ij: *being permixt together in a Pellican, let them remain in digestion, two or three Months, and they will be reduced into a Liquor: Distil this Liquor by the Fire wholly, and it will come over in an Oyl, the which thou shalt putrify together in Horse dung for a Month; then distil it, as you did the Metals; and there will likewise two colors ascend, as did from the Metals; one color white, the other the true color of the POTESTAS: leave the white, except it be of* Bismuth, *or a* white Marchasite, *and then you shall know them from each other by the thickness. Take the undermost, and reduce it*

to its ſweetneſs, as was afore ſpoken of the Metals: ſo haſt thou the POWERS *of* Marchaſites *in all purity.*

58. Where we ſpeak of the corroding or *eating Water*, underſtand *Acetum*, mixed with *Spirit of Wine*, and ſuch a *Spirit* as being often abſtracted from the *Spirit* of *Sal Niter*, becoms an *Acetum*. The fixt Element of *Marchaſites* are to be diſſolved, therein to be putrified and elevated by an Alembick, and then at length to be corrupted or broken with the *Spirit* of *Wine*, that the *Impure* may fall to the bottom, and ſeparate it ſelf from the *Pure*.

59. There are alſo various ways to be found, as to the Extraction of the POWERS of *Marchaſites*, but yet we cannot in the leaſt account them for true POTESTATES. And although they be of greater Virtues than the POTESTATES, as we teach of *Arcana's*, *Magiſteries* and *Elixirs*: yet notwithſtanding the way and manner that we here uſe, in Extracting the POWERS of all *Metaline Marchaſites*, is like to the true extraction of the Metals.

60. And whereas we ſaid before, that the POTESTAS is the moſt ſupream Virtue of things; and do yet for all that aver the contrary in *Arcana's*, *viz.* that they are greater than POTESTATES are; the reaſon is this, becauſe all *Arcana's* contain in them the ſaid POTESTATES, and are exalted farther to ſuch an acuity and ſubtilty, that they do receive thereby a far greater Virtue than the POWERS have.

61. The Extraction of the POWERS of Salts.

Take Salts, the which you muſt calcine excellently well: but if they be Volatile ſalts, burn them; afterwards let them be reſolved into a Tenuity or thinneſs, and be diſtilled into a Water. Put this Water into Putrifaction for a Month, and diſtil it by a Balneo, *and there will aſcend a ſweet Water, which throw away. That which will not aſcend, ſet again in di-*

digeſtion for another Month, and diſtil it as before; and thus do ſo often till there be no more ſweetneſs perceived: for by this way haſt thou now the POWERS *of ſalt in the bottom; from* ℔j *of burnt or calcin'd ſalt, thou wilt ſcarcely have* ℥ij.

62. Or thus. Cohobate them with their own proper Liquor or Water, oftentimes putrefy them with Flegm, and abſtract the Body therefrom in the manner of Flegm, even to the fixt Spirit. This then diſſolve in Water, or in their own proper Water; and (in the heat) ſeparate the pure from the impure with Spirit of Wine.

63. By either of theſe ways (which differ not much) the POTESTATES of all Salts are prepared, as out of *Common-ſalt*, *Bay-ſalt*, *ſal Niter*, *Alum*, *Vitriol*, *ſal Veneris*, *ſal Antimonij*, &c. Half an ounce of this Salt thus extracted (ſuppoſe from common ſalt) will ſeaſon more Meat or Broth, than half a pound of the Salt it ſelf: for here the POTESTATES are only preſent, and the BODY is abſtracted therefrom by a a liquid Solution.

64. But the POTESTATES of *Alum* and *Vitriol*, are much better extracted by this following Direction. Calcine them, but not to Fuſion, as you do other Salts: after calcination burn them, and reſolve them according to the rule of Practice. After they be reſolved, pour on again the Waters that proceeded from them, and proceed on, according to the proceſs given of Salts; for much of the *Eſſence* aſcends with the moiſture, the which doth again thus reſide at the bottom in the Compoſition and Putrefaction, and ſo come together into one.

65. The Extraction of the POTESTATES of Stones, Gems, and Pearls.

Take which of them you pleaſe, beat them into pretty big pieces, not into a Ponder, and put them in a glaſs, and put thereto the Acetum *of the Root, or* Radicated Vinegar, *ſo much as to overtop the matter the breadth of four or five Inches: let them be di-*

gested into a Horse Belly for a whole Month, which being done, the whole matter will appear liquid; the which thou shalt extract with other radicated Vinegar, and shake and mix them well together; so the Vinegar receives into it self the color of the Stone. The colored Vinegar must be poured out into another glass: on the Magma remaining put more Radicated Vinegar as before, this do so often as there comes off any colour. Now in this color are the POTESTATES contained, the residue is the Corporality. Take therefore the colored or tinged Vinegars, and boyl them very gently, even to dryness; then wash it often with distilled water, until it be made sweet, as aforesaid. This powder dissolve upon a Marble, so shalt thou have the POTESTATES of Gems and Pearls. But this is to be noted in the Colors of Pearls, that they are resolved into the colour of thick Milk, and the body of them is sandy and viscous, by which the one may be known from the other. The like also is it with Crystal, its POTESTAS appears at top, a certain viscous Body remaining.

66. Where we speak of *Radicated Vinegar*, understand us thus: *to wit*, that you have a sharp *Aceturn* corrected with *Tiles* or *Bricks*, and oftentimes abstracted from the Tartarised Matrix of *Aceturn*. Your *Gems*, are first to be *calcined* by *Sulphur*, then *dissolve* them therein, and *putrefy* them, and then *separate* the *pure* from the *impure*, by breaking them with *Spirit of Wine*.

67. The former process serves for *Stones*, *Gems*, *and Pearls*, and is the most excellent of all, as to the Operation thereof, very subtil and industrious: But very little is the *quantity* of the POTESTATES which is to be had out of *Gems*; and by how much the more transparent and purer the *Gem* is, by so much the less is its POTESTAS. 'Tis scarce worth while to extract it from gross, great and base Stones, for they have but

but little Virtue in them, and therefore have but a ſmall quantity of POWERS, to be drawn from them.

68. The Extraction of the POTESTATES of burning things.

Take the Body (whether it contains Oyl, Roſin, Pitch, or Turpentine, Fir-wood, Juniper-wood, Cypreſs or Ceder-wood &c. or whether it be ſeeds, fruits, or ſuch like) cut it exceeding ſmall, and put it in a glazed Pot, fill it up, and cloſe it firmly with Lutum Sapientiæ, *that ſo it breath not out: burn it in a circulary fire for twenty four hours, ſo as to abide in an equal heat, and the pot to be glowing like the Coals: then take it out of the fire; and putrefy it in Dung for a month, after diſtil as much as will aſcend: let this be put in a Horſe-Belly, diſtil off all the moiſture therefrom, and then let it be ſet again to putrify, until there come out no more moiſture: then at laſt the* POTESTATES *of that which you have received, and at firſt took in the Receiver, remains in the bottom.*

69. Now here is to be noted, that there are many other ways and kinds of extracting the POWERS of the aforenamed things, by which they may be drawn very odoriferous, ſubtil, and clear: but thoſe ways are not Extractions of the POTESTATES, but certain *Magiſteries* of thoſe ſame things, by which ſome part of the POTESTAS does in the permixion together, aſcend upwards.

70. But the *Eſſence* of Woods (which is, what is here, and ſect. 68. aforegoing intended) is a certain Fatneſs or Reſin, and thick ſubſtance; and therefore not to be extracted in the form of a *Magiſtery*; for this Reaſon; The *Eſſence* or POTESTATES of the Turpentine-tree heals Wounds; but if it be extracted after the manner of *Magiſteries*, it does not cure them. The reaſon is, becauſe the *Magiſtery* has not in it the Baſis and Foundation of the POWERS: and they are

thus distinguished: *Magisteries* only concern and respect the Complexions and four Elements, and have the POWERS spirituously: POTESTATES do not concern themselves with those things, and have or possess the POWERS materially.

71. The Extraction of POTESTATES out of growing things, as Herbs, &c.

Take growing things, bruise them exceeding well, put them into some fit Vessel, the which set in a Horse-belly for a Month; then distil it by B. put them again into Horse-dung for eight days, and let them again be distilled by B. M. so the POTESTATES *will ascend by the Alembick, but the* BODY *will abide in the bottom: If there should ought of the* POWERS *remain yet behind in the faces; you must farther putrify, and proceed as before: Then take this distilled Water, and put it again to this* growing *BODY, so let them be digested together in a* Pellican *for six days: then the colour will be thick, the which abstract by B. M. and the Body will go away, and be severed; the* POWERS *remaining in the bottom: separate this (by a* Retorsive *process, or pressing) from the faces; by this means thou shalt have a Medicine perfect in Odor, Lucineſs, Taſt and Virtue, and of a thick consistency.*

72. The *Essence* is easily perfected out of Herbs Roots, Fruits, &c. so that you dissolve the imperfect *Elements* by the highest, secret putrefaction of the highest heat. Then shalt thou putrify them in Dung, and drive out *per descensum*, all that is able to go out, and from thence abstract by a distillation in a *B. M.* all the hurtful imperfect Body of the moisture: then will the prædistinated Element remain in the bottom: this must now be separated from the superfluous Impurity, by corrupting or breaking it with its own inflamable spirit, or with *S. V.* the which draw off, and thou shalt have the POTESTATES pure and perfect.

73. As

73. As to the Extraction of these *Essences*, there are various ways found out, by the addition of other things: but they ought to be extracted without the mixture of any thing, and so as to retain their *Color*, *Odor*, and *Taste*; and that they may be encreased in them and not diminished.

74. The Extraction of the POTESTATES of Spices and Perfumes.

Take Oyl of Almonds with which mix an Aromatical Body, as Spices, Musk, Ambergrise, Civet, Camphir, (and such like) let them be digested together in a Glass in the Sun, their proper time, until they are reduced into a paste or pap: afterwards, let them be pressed out from their faces; so is the Body separated from the POTESTATES, *which are now only mixed with Oyl, and are to be separated therefrom after this manner: Take rectified Spirit of Wine, wherewith mix the aforeimpregnated Oyl: put them in digestion for six days, afterwards let them be distilled by Ashes, and there will ascend the Spirit of Wine, and therewith the* POWERS *of the Aromaticks, the Oyl remaining in the bottom without any smell of the spice or perfume. Lastly, let this Wine be distilled by B. M. and the* POTESTATES *will abide in the bottom in the form of Oyl, separated from all mixtures.*

75. The POWERS being extracted out of Ambergrise, Musk, Civet, their Bodies or Fæces do stink afterwards, so that they are nothing worth, either in Smell, Taste or Nature: and the like is to be understood of the rest of that kind. Moreover it appears that the *POWERS* of Aromaticks are first separated by the help of a *Medium*; and afterwards separated from that *Medium*, by the help of another *Medium*, which will afterwards separate it self from the POTESTATES by the help of heat only.

76. The Extraction of POTESTATES of Comestible things.

Take

Take a Comeſtible thing, (as fleſh of Fowls, Beaſts, Fiſhes, &c. Bread, &c.) cut it into pieces, and put it into a Veſſel, or great ſtone-Jug, which ſtop and lute very well; let it boyl for three days: then ſtrain out that which ſhall be in the Jugg, and diſtil it by a B. M. ſo there will firſt of all Aſcend a certain Waterineſs, the which when it ſhall be all come over, the POTESTATES *will be left at the bottom.*

77. This is the higheſt Nutriment beyond all that we can declare or ſet down; and in reſpect of nouriſhing, it is like, or at leaſt-wiſe it has the qualities and properties of the moſt pure and ſubſtantial POWERS.

78. Now the POTESTATES of Comeſtible things, are to be in no wiſe underſtood, than in a like form, with that wherewith we are fed; with Fleſh; for the POWERS of Comeſtible things, as are the beſt nouriſhment; And although no *Prime* POTESTATES can be drawn from Fleſh, as aforeſaid, yet we are able to extract therefrom, as from its own being or Eſſentiality, a *Secondary* POWER, as is even now above declared.

79. The Extraction of POTESTATES out of Potable things.

Take any Potable thing, ſhut it up in a Pellican, *as it is, with its whole ſubſtance, and digeſt it for a Month in Horſe-dung; (but it will be better to leave it ſo for a year or more;) and you will find in the* Pellican *a certain digeſted matter: ſeparate the ſame by B. M. afterwards by Aſhes: and laſtly by Fire. By this means you will have three* POTESTATES, *which are in all Potable things. Put theſe three* Liquors *thus extracted, each into its proper Veſſel: the two laſt, farther digeſt, then diſtil in B. M. ſo will you have more of the* firſt POTESTATES *to aſcend, which you muſt mix with the ſaid* firſt: *you do ſo often till no more of the* firſt *will ariſe, ſo will there be a good ſeparation.*

80. But the POWERS of *Potable things* may be extracted

tracted many and ſundry other ways; but this (here taught) is, (ſaith *PARACELSUS*) the true *Proceſs*, by him accounted as the chiefeſt, fitteſt, and moſt profitable for this Work.

CHAP. XXVII.

An Idea *of the Proceſs of the univerſal Medicine of* Paracelſus.

1. TAke of the beſt **Philoſophick water**, which ſeparate from its fetes: the beſt is brought from the **Oriental parts of the World**, and is very **ſtrong and pure**: in one pound, you will not have above two, three, or four ounces of **feces** or **ſettlings** at moſt.

2. This **Philoſophick water** taken from its own **fountain** (being firſt *Agitated*) you ſhall put into a *Glaſs Retort* with a *Receiver*; then you ſhall **filter** or *ſtrain* the **philoſophick water** through a **philoſophick ſtrainer**. If you cannot get this **water** from the **Oriental fountains** or **Wells**; take that from the **Occidental** which is the beſt next, and **filter** or **ſtrain** it through a **philoſophick ſtrainer** ſeveral times. If you cannot get the **Occidental**, take the **ſtrongeſt** and **pureſt** you can get, whoſe goodneſs you may try by **evaporating** a little of it away in a ſilver ſpoon: If the **water** flys away, leaving a *yellow*, or *white* **ſalt** at bottom, it will ſerve; but if it leaves a *black* or *green* **ſalt**, it is naught for this Work.

3. Take this **philoſophick water** (which is for Our purpoſe) **precipitate** it ten or twelve times with **ſalt**

salt Armoniack, and then filter or strain it as many times through a philosophick strainer, that it may be pure and clear, and be freed from all mixtures of foulness. The Oriental and Occidental Waters are pure of themselves, and need not to be precipitated.

4. First, you are to divide the salt from the spirit of the philosophick water without any Corrosive: and that the said water be spirituous and living, and clear as Rock-Crystal. This salt of the philosophick water, *Paracelsus* calls *Præcipiolum*, and saith, That it must be separated *Dead* from its own Fountain, and that the philosophick water, shall be still *living* and *spirituous*, after that the said salt or *præcipiolum* is divided from it; and that the soma Aquæ Philosophicæ is the Mare seu fons Præcipioli; and that the *Electrum minerale immaturum*, is the fons Aquæ Philosophicæ.

5. *Paracelsus* saith, That when the Aqua philosophica shall come to its loca destinata, it shall leave its Salt or *Præcipiolum* behind it, in form of Ice, or Hoze Frost, and that the aqua philosophica will go away Spirituous, and remain a Spirituous water. The *loca destinata* where the aqua philosophica shall leave its Sal or *Præcipiolum*, is the philosophick Magnet — both Male and Female, to wit, antimony and Lead. The male Magnet viz. antimony philosophick is the best place, by reason of its fixation and purity, and the next to that is the female. In this Salt or *Præcipiolum* lyes hidden the whole Art of *Chymistry*; if a *Chymist* knows not how to make and divide this Sal or *Præcipiolum* from its aqua philosophica, he will fail of the whole Art.

6. This Sal or *Præcipiolum* is the matter whereof is made the *Philosophers Mercury*, that is, when it is reduced into its *first matter*, which is into a *most clear*

water

water, transparent as Crystal. It is then slippery, and will eat and drink its own Blood, and multiply it self with it *per infinitum*. And this Water will bring all Metals, as Gold, and Silver into their first matter. Being thus prepared Philosophically (without any thing of a Corrosive) it cures *Hydropem*, *Podagram*, *Morbum Venereum*, and many other Diseases.

7. The Philosophers call *this Water* their *Wine*; and its **Sal** or *Præcipiolum* its *Tartar*: both make the *spiritum Vini Philosophicum*, which *Paracelsus* calls now and then *Astrum Mercurij*, and *spiritum Mercurij*, his *Sal Armoniacum*, his *sal Minerale*, his *Balneum Mariæ*, his *Horse-dung*, his *Fire*, with an hundred other Names to deceive the Vulgar.

8. *The Process of the* **salt** or *Præcipiolum*. Take **aqua philosophica** well *purified and filtred*, ten parts: of the **philosophers Magnet male** or **female**, one part (not the *common* which the Vulgar use, but the **philosophick Magnet** cleansed; the **male** with **Opl of Tartar per deliquium**, the **female** with **Opl of Pot-ashes**) made into fine Pouder. Make a **mixture** of both in a warm Glass Mortar, **mixing** them well. Then put this **mixture** into a *Retort* (as hereafter shall be directed) and put it on an Earthen *Capel* or an Earthen Pan, with one part clear Sand, and three times as much sifted Ashes; and cover it with another Earthen Pan, and put to it a little *Receiver* with *out* luting of it, and then make a Fire in your Furnace, and give indifferent heat; now and then take the Pan from it, and when you see the **philosophick water** is distilled from the **Magnet**, (whether **Male** or **Female**) cover it again, and let the Fire go out. The next Morning, take your *Retort* and *Receiver*, and if any part hang in the Neck of the *Retort*, you shall wipe it off with a Feather, to the other **aqua philosophica** which

which is in the *Receiver*. If you will, you may now and then hold a glowing Cole to the Neck of the *Retort*, that the thickned or condenſed **aqua philoſophica** may run to the other which is in the *Retort*. When you have ſeparated the **aqua philoſophica**, then ſcrape your **male Magnet** (which will lye at the bottom of the *Retort*) with a crooked Iron, take it out, and put it into a *Glaſs Mortar*, pouder it ſmall, and mingle or mix it with your **aqua philoſophica** again, by degrees or by little and little, and put this **mixture** again into the *Retort* (or elſe you will looſe your **Sal** or *Præcipiolum*) and diſtil it again, as before, now and then taking the Pan from it, to ſee if the **aqua philoſophica** be almoſt all gone over; and if it be, let the fire go out, and cover with the Earthen Pan again, and let it ſtand till the next Morning, and then take the *Retort* and *Recipient* again from the *Furnace*, or out of the Sand, and wipe your **aqua philoſophica** again with a Feather, out of the Neck of the *Retort*, to the other **aqua philoſophica**, which is in the *Recipient*; ſcraping alſo again with your Crooked Iron, your **magnet** out of the *Retort*. This done,

9. Put it again into a *glaſs Mortar*, (where obſerve, you ſhall diſtil ſo, that the **aqua philoſophica**, may go from the **magnet**, and that no **aqua philoſophica** be found with it, at the bottom of the *Retort*;) and pouder again very ſmall, and **diſſolve** again your **Magnet** in your **Aqua philoſophica**, by little and little as is before mentioned: you will find that the **Magnet** and **Water** will not ſo well **diſſolve and mix** together, as they did at the firſt and ſecond time: then take it, and put it again into the *Retort*, and diſtil again, as before (not caſting any Pouder away, which you may think to be *faces*, for then you will looſe your **Salt** or *Præcipiolum*.) Take your glaſs out of the *Furnace*, or out of the ſaid *Capel*, ſcrape your

mag-

magnet with your crooked Iron, out of the *Retort*, and you shall find that your **Magnet** is much increased, if you weigh it; The reason is, the *Magnet* is the attractive which draws forth the **Salt**: Or the **Magnet** is the Cask wherein the **Philosophers Wine** hath let fall its *Tartar*, which *Paracelsus* calls, *Precipiolum* or **Salt**.

10. *To separate the* **Salt** *or Precipiolum from the* **Magnet**. Take the **Magnet** which you have scraped out of the *Retort*, and Pounder it very small, with which mingle the **Aqua Philosophica** by degrees, or by little and little. Your **Magnet** will hardly mix with your **Aqua philosophica**. The reason is, the **Magnet** is full of the **Salt** or *Precipiolum*; and then it is time to separate the *Precipiolum* from the **Magnet** and **Aqua philosophica**, (which is a Womans work; when her Cloaths are foul, she washes them from their foulness:) the same way you must cleanse, or separate the *Precipiolum* from **magnet**, and **Aqua philosophica**, as followeth;

11. When you have the sign, that your **Aqua philosophica** will hardly mix with your **magnet**; Or that the **magnet** will not enter into the **aqua philosophica**: Then pour on it the fairest Water, (distilled Water is best) three fingers breadth above the **magnet**, and **aqua philosophica**, which wash together in the *Mortar* with a Pestle very well, till the Water is *blewish black*: Then it is a sign that the **magnet** lets fall its *Tartar*, **salt**, or *Precipiolum*, into the Water. Pour off this Water into a Glass; but be careful that not any of the **aqua philosophica** goes off with it: (for this **philosophick Liquor** will no more mix with common fair Water, than Oyl and Water will mix.) Put more fresh Water upon your **magnet** and **aqua philosophica**, and wash it again, till the Water is blew again: Pour it off as aforesaid. Thus continuing washing,

ing, till your Water remains white. Put this laſt Water to the other Waters in the Glaſs, and cover the Glaſs very cloſe, that not any foulneſs may fall into the Glaſs.

12. The *Precipiolum* being thus waſhed away, the **aqua philoſophica** will again diſſolve the **magnet**, as *Wax* will diſſolve in Oyl: Take the **mixture** or **diſſolution** aforeſaid, dry it upon warm Aſhes very ſoftly with a Sponge, or on Paper, and by a little heat, that the **mixture** may be dry, which put again into the *Retort*, and diſtil it, as aforeſaid, (by Sect. 8. and 9.) ſo long till the **magnet** will hardly be diſſolved by the **aqua philoſophica**, then ſeparate again the *Precipiolum*, as aforeſaid, by Sect. 10. and 11.)

13. Now obſerve, I gave you charge, that you ſhould keep your glaſs cloſe wherein you put your bleweſt Water, which will be clear, and a Pouder at bottom, which is ſome of the *Precipiolum*. The clear Water pour off (without diſturbing it) as ſoon as you can into another Glaſs. Now when that you ſee that the **magnet** will ſcarcely be diſſolved by your **aqua philoſophica**, or not without great trouble; pour the ſame Water which you poured off from the *Precipiolum*, upon your **mixture** or **diſſolution**, and waſh it again, till the Water is blewiſh, as aforeſaid, which pour off, and continue ſo doing till the Water is colourleſs, by Sect. 11.

14. Then take the *mixture* again, and dry it, and repeat the ſame work again (by Sect. 12.) till you have the ſign; which waſh again with the aforeſaid Water (by Sect. 13.) and you ſhall find that your *Precipiolum* will augment dayly: this diſtillation and waſhing ſhall you continue, till the **aqua philoſophica** is freed from all its **ſalt** or *Precipiolum*.

15. Obſerve, that if the Water ſhould grow leſs and leſs, you may add to it (as need requires) freſh Water. Now the ſign when the **aqua philoſophica** has loſt all its **ſalt**, or its *Tartar*,

or

or its *Coagulatum*, or *Præcipiolum*, is, that that **aqua philoſophica** will Eternally **diſſolve** the **magnet**, ſo that they will always mix well together: and if you ſhould a thouſand times offer to **diſſolve** the **magnet** in the ſaid Water, and as often diſtil the one from the other, yet they will ſtill **diſſolve** again and **mix**: and if you ſhould waſh them a thouſand times with freſh Water, the Water will be clear and not blewiſh. As long as any *Sal* or *Præcipiolum* is in the **aqua philoſophica**, you cannot diſtil two, three, or four times the **aqua philoſophica** from the **magnet**, but it will be difficult to mix, the one with the other; and when that you will have it to mix, you muſt waſh it, and then it will mix well again. But when that the *Salt* or *Præcipiolum* is all ſeparated from the **aqua philoſophica**, it will mix firmly after a thouſand Diſtillations, as aforeſaid. And if it be waſht a thouſand times, the Water will always remain clear.

16. *To prepare the* Præcipiolum *to a Medicine.* Pour the clear Waters from the Pouder, which lyes at the bottom in the Glaſs, that no Water may be left on the Pouder: put the Glaſs on a little warm Aſhes, that the Pouder may dry, which will look blewiſh yellow. Put this Pouder into a little Cucurbit Glaſs or Bolt-head, and diſtil off from it, the Water of Eggs, five or ſix times; or ſo long till the Pouder becomes Red; and then diſtil off from it (five or ſix times) Spirit of Wine, ſo is it fitted for Medicine. Doſe is gr. ij. or almoſt gr. iij.

17. *To make the Water of Eggs.* Take a good quantity of Eggs; boyl them very hard: take the Whites and cut them very ſmall, and diſtil them in an Alembick *per Cineres*, very ſoftly; till you have got all the Water from the Whites: then take the Eggſhells, calcine them, put them into a *Retort*, put upon them the former (that is their own) Water, and diſtil *per arenam* with a ſtrong Fire. Put this Water upon

the Aſhes again, and diſtil it again, thus continue it five or ſix times; ſo the Water will be fitted for the *Præcipiolum*.

18 *The Philoſophers Key, which is the* Sal Salis, *or Salt of the Præcipiolum.* You may remember that I gave you Inſtruction, that you ſhould pour off the clear Water from the *Præcipiolum*, and you ſhould make dry the *Præcipiolum*, and bring it into a Medicinal red Pouder: Or, you ſhould bring it into its firſt matter, which ſhall bring all Metals, principally its own Body into its firſt matter, which cannot be done without the *Sal præcipioli*, which is hidden in the Water you pour off from the *Præcipiolum*. That ſame Water, filter through brown Paper, and ſet the Water to evaporate in a round Glaſs, very ſoftly in Aſhes. When the Water is evaporated away, you ſhall find at the bottom of the Glaſs, a yellow whitiſh Salt, which is *Sal præcipioli*, and the *Clavis Philoſophorum*, wherewith they do unlock the lock of the *Præcipiolum*, which brings the ſame into its firſt matter. If you know not this Salt, you know nothing of the true Chymiſtry. This Salt does decreaſe in the decreaſe of the Moon, and increaſe in the Full. One grain will purge very ſoftly all *Podagra's, Venerial and Hydropical humors*, with gr. ij of the *Præcipiolum* prepared.

19. *To bring the* Præcipiolum *into its firſt matter, or ſlippery Water.*

Take of the Salt p. j: of the *Præcipiolum*, p. ij: being dry; firſt diſſolve the Salt in fair warm Water, and put it upon the *Præcipiolum*, and evaporate it away very gently in warm Aſhes, with a very gentle fire, then is the *Præcipiolum* with its own Salt, then put it into a little *Retort*, nip up the Neck of the *Retort* very cloſe, then put it into *Balneum Vaporoſum*, and let it ſtand SIX WEEKS in Digeſtion, or to Putrify, and it will turn to ſlimy Water. Take the *Retort*, and open the Neck and lay the Retort in a Sand Furnace, and cover it with an Earthen Pan, fixing to it

Receive

Receiver well Luted: give first a slow Fire, then a stronger; which continue till the *Spirits* be well resolved into Water. First the *Spirit* will come forth in white Clouds, or in Smoak; and at last in the form of red Clouds or Smoak: give Fire so long, till all the Spirits be come over in a clear white Water; and when you have this sign, take the *Receiver* from the *Retort*, stopping the said *Receiver* very well with *Wax*, that no *Spirits* may fly away; then let the Fire go out.

20. The Matter or Water which remains in the *Retort*, take out; and put into a *Bolt-head*; stop it well, set it in a warm place. Then rectify once the *Spirits* which are in the *Receiver*, and keep them carefully: now observe this; you remember, that when the **aqua philosophica** has lost its **Sale** or *Precipitatum*, that the same *Water* will be as *clear* as *Rock Crystal*. Take of this **Water** one part, of the *Spirit* aforesaid two parts; put them into a *Bolt-head*, stop it very close, and let it stand in a little warmth, and the **aqua philosophica** will **mix** with the *Spirit*: then distil all through a *Retort* in Sand. Take again of the aforesaid **Water** which is *clear* as *Rock-Crystal*, p. j: of the said *Spirit* p. ij: put them into a *Bolt-head*, set it in a warm place and the **aqua philosophica**, will mix with the *Spirit*: Then distil again *ut supra*, and it will come over in form of Water; this continue so long, till all one half part of the **clear aqua philosophica** is brought to a clear thin Water, which keep very close stopped with Wax. *Take the Pouder which I ordered to be kept in a Bolt-head*, and place it very deep in a Sand *Capel*, and give a strong fire for twenty four hours, then let the fire go out, and take the *Bolt-head* forth, and stir the Pouder with a Wooden stick, and put it upon the half part of the **clear, thin, philosophick Water**, stopping the Glass with *Hermes* Seal: shake it, and let it

ſtand in digeſtion in a warm place for three or four days. Then pour off this into another Glaſs; and pour upon the remainder of the pouder, the other half of the *Water*, ſealing the Glaſs again, and letting it ſtand *ut ſupra* for three or four days: then put it to the former Water, and ſeal up the Glaſs *Hermetically*, letting it ſtand in in *Balneo Vaporoſo* eight days. After diſtil it through a *Retort*, and if any thing remain in the *Retort*, (which will be very little) pour upon it the Spirit again, and diſtil till all is come over. Now is the Salt with its own Spirit, and brought into the firſt matter: keep it very well ſtopped.

21. This is the Water which the Philoſophers have given divers Names to, as their *Horſe-dung*, *Balneum Mariæ*, and *Calx Vivæ*; and in Sum, this is the Philoſophers *true Fire*, without which no true work can be done in Chymiſtry.

22. The *Philoſopher* has brought forth this *Salamander* which will never waſt in the Fire, the longer the ſtronger: *This Water* will increaſe or multiply *per Infinitum*, that is to ſay, if all the Sea were Mercury, it would turn the ſame into the firſt matter. First, you muſt waſh your *Mercury* with *Salt* and *Vinegar*, divers times, and at laſt with Water, to waſh away the Salt. Then mix this *Mercury* with *Calx Viva*, and *Tartar calcined*, diſtil it in a *Retort* in a Sand *Furnace*, and lay to it a *Receiver*, fill'd almoſt half full of Water, that the *Mercury* may fall into it, and coagulate, which dry, and ſqueeze it eight or ten times through Leather, ſo will your *Mercury* be well purged from all its uncleaneſs.

23. This is the *Mercury* which you ſhall uſe in multiplying your *Spirit* or **aſtrum philoſophicum** Be of this *Mercury*, p. j. of the **aſtrum philoſophicum** p. j. put them into a *Bolt-head*, ſtop it cloſe, and let it ſtand in a warm place one Night, ſo will the *Mercury* melt in the Spirit of aſtrum philo-

philoſophicum, and turn into Water; then diſtil it through a *Retort*. Thus may you do by repeating the *Spirit* with freſh *Mercury*, as long as you pleaſe.

24. *This Water will diſſolve Gold, Silver, and all ſorts of Stones, and bring them over with it, through a Retort.* *Gold* and *Silver* thus diſſolved, can never be ſeparated one from another: the reaſon is, becauſe they, and all other Metals are of the ſame Nature, and have beginning from the ſame Water: there is nothing in the World, but has its beginning from it.

25. *Medicina Univerſalis*, the univerſal Medicine. Take of your **male magnet** in Pouder (*viz.* the ſame which did remain when you made the *Præcipiolum*) one part; of the **female magnet** two parts in fine Pouder: put each by it ſelf into a Glaſs; pour upon each the **aſtrum philoſophicum**, ſo much as may over-top them a fingers breadth; ſtop each glaſs very cloſe, and let them ſtand in a warm place for eight days, and the **magnets male** and **female**, will be almoſt all diſſolved into Water; then pour off this Water, each by it ſelf into a Glaſs, and put more Water to the **magnets male** and **female** which yet remains; let it ſtand again eight days in a warm place; and then pour off theſe Waters to the former Waters; ſo will the **magnets** be diſſolved into Water, but there will remain ſome *faces*.

26. Take of both of theſe Waters a quarter part, and put them together into a *Bolt-head*, ſo as three quarters may be empty; Seal it *Hermetically*, digeſt it in an *Athanor*, in a continual warm heat, till it comes to a fixed *Red Stone* or *Pouder*: Before it comes a *red Pouder*, there will appear many colors, as *Black*, *Green*, and *Yellow*, and then *Red*: when it is very *Red*, and a Pouder, take the *Bolt-head*, and bury it in a Sand *Capel* very deep, and give fire by degrees, and at laſt a very ſtrong fire, and it will melt like Wax: let it

ſtand one whole week (but the longer the better) then take it out, and let it cool; after break up your Glaſs, and you will find a fixt *Stone* or *Ponder*, and *Red* as Scarlet.

27. Now you may remember, that I bid you keep three parts of your **magnets male** and **female** which were diſſolved into Water: put both theſe Waters together into a *Retort*, diſtil them, and both the **magnets** will go over with the Water through the *Retort*, with which Water you ſhall multiply your Medicine. Now take of your Medicine one part (in fine Pouder) and put it into a little *Bolt-head*, putting upon it, twice as much of your Waters, as of the **magnets male** and **female**, Seal it again, and digeſt it in an *Athanor*, till it do come to a *Red Pouder*, and then put it again into the Sand *Capel* (as at Sect. 26.) thus may you multiply *ad infinitum*.

28. *To make the Aſtrum Horizontale*, Or *Golden fixt præcipitate.* Take the *moſt fine Gold*, and make it into a Pouder, diſſolve it in your *Aſtrum Mercurij*, as much as you will: diſtil it through a *Retort* once or twice, and your *Gold* will go over along with your Water, and will never be ſeparated one from another, for they are both of one Nature. Now take the *Præcipiolum* which is made dry, (not that which is made already into a *Medicine*) put it into a little *Cucurbit Glaſs*; and put upon it the *Magnetick* **aſtrum mercurij**, and diſtil from it three or four times very ſlowly; but at laſt very ſtrongly; ſo will your *præcipiolum* be *Red* and *fixed*.

29. The ſame may be done with *Mercury* purged, it will fix the ſame into a *red Pouder*.

30. The ſame Work may be done with *Silver*, or with your *præcipiolum*. No man can find out all the Secrets which are hidden in this *Philoſophical Menſtruum*, the true ALKAHEST of *Paracelſus*.

APPEN-

APPENDIX.

Concerning the Circulatum Majus, Circulatum Minus; *the* Mercury *of* Luna, *the proceſs of the* Grand Elixir *of* Paracelſus; *and the Table of* HERMES.

I. *Of the* Circulatum Majus Paracelſi.

31. If you would reduce the *Mercury* of the Vulgar into its firſt liquid *Ens*, then it is to be firſt mortified, and brought out of its own form; and that is done by various ſublimations with *Vitriol* and common *Salt*, that ſo it may be at laſt like fixt Cryſtal; then diſſolve it in its own Matrix, *viz.* in the firſt *Ens* of Salt, putrify it for a Month; corrupt it with new *Arcanum of Salt*, that the impure thereof may be præcipitated to the bottom, and that the pure may be turned into *Cryſtals*: ſublime the Stones or Cryſtals, in a cloſe Reverberatory; when it is ſublimed, always turn it upſide down, until it comes to a redneſs. Extract this Sulphur with Spirit of Wine, rectified even to the height; ſeparate the S.V. digeſt it for a time, and diſtil it: Then the *Arcanum* of the firſt *Ens* of *Mercury*, will come over in a liquid ſubſtance, the which is called by the Philoſophers, a moſt ſharp Metaline *Acetum*; and in Our *Archidoxis*, *Circulatum Majus*. Thus may you do with Antimony, Gems and Herbs.

II. *Of the* Circulatum Minus Paracelſi.

32. Take in the firſt place, the true Element of Water; or inſtead thereof another Salt, as is not yet boyled to dryneſs: *Or*, even *Sal Gen* depurated; put thereto two parts of Water, mixt with a little Juyce of

Radish; putrefy it again for a Month, then diſtil it by a *Retort*, urge the reſidue by a ſtrong fire, that ſo it may flow or melt, reverberate it in the *Retort*, with a continued fire, diſſolve it on a Marble, then take that water which flows from hence and put it on again, and putrefy it; diſtil it again, even to an Oylineſs, conjoyn it with S.V. and the impure will fall to the bottom, the which ſeparate, but the pure will be Cryſtalized in the cold: pour on again, that which is diſtilled, and cohobate it ſo often, till a fixt Oyl remain in the bottom, and that nothing comes over but ſweet afterwards. Again, digeſt it for a Month, and then diſtil it ſo long, until the *Arcanum* of the Salt paſſes over by an Alembick. Let not the length of labouring here grieve thee, for this is the third part of all *Arcana's*, hid in Metals and Minerals, and without it can nothing fruitful or perfect be accompliſhed.

33. Now although there are more ways for the Extracting of the firſt *Ens* of Salts, yet the former is the moſt profitable, and the moſt ready way; and next to it, is the Proceſs of the Elixir of Salt, following in the next Section, *viz.* That new Salt being permixed with the diſſolving Water (which diſſolving Water, is every where throughout all *Paracelſus* to be underſtood, the diſtilled *Spirit* or *Oyl* of Salt) be putrified and diſtilled ſo long, until the whole ſubſtance of the Salt be diſſolved and reduced into a perpetual and during Oylineſs, the body being removed therefrom, in the likeneſs of *Phlegm*. Thus is made the Arcana's of Vitriol, Tartar, and other Salts.

34. *Proceſſus Elixiris Salis Paracelſi.* We will here deſcribe the Practick of the Elixir of Salt more plainly. Take Salt excellently well prepared, the whiteſt and cleaneſt, put it into a Pellican, with ſuch a quantity of *Aqua Solvens*, or the diſſolving Water, (*viz.* diſtilled Spirit or Oyl of Salt) as may be ſix times its weight, let them be digeſted

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together, in Horſe-dung, for a Month. Then let the diſſolving Water be ſeparated by diſtillation, and be again poured on, and be ſeparated as before, this let be don ſo often, until the Salt be converted into an Oyl, whereto let be added, an eighth part of the Quinteſſence of Gold, and let them be digeſted together in a Pellican and in Horſe-dung, for four Months; and let them be circulated for a Month after: then add another part of circulated Wine, which circulate yet a Month longer, this time being over, you have the Elixir of Salt, of the which we have made for Our ſelves, a Memorial as a Pattern, for the ſuccoring and lightning of our ancient days.

III. *Of the* Mercury *of* Luna.

35. ℞ AF. and diſſolve filings of fine *Luna* therein, then put all into a glaſs body or Cucurbit, and diſtil away the AF. or elſe evaporate it away; and the *Luna* will remain in the bottom in a fine lime. If you would have it finer, put freſh AF. upon the *Luna* again, and do, as aforeſaid. This *Calx* of *Luna* grind very well with *Sal Armoniack*, then put them into a glaſs with a little Fountain Water; put them upon hot Aſhes, ſtirring and moving them about for an hour; afterwards take away the *Sal Armoniack* by often waſhing with hot water, and dry the *Luna*; being dry, take ſome Oyl of *Tartar*, and imbibe the *Luna* with it, and let it dry; imbibe it again, doing thus three times; then put the *Luna* into a glaſs Body, and caſt ſome of the ſaid Oyl upon it, that it may be three inches above the *Luna*: put them upon hot Aſhes, the ſpace of twenty four hours, the Oyl will become black, pour it off by inclination, and put more new upon the *Luna*; thus continue till the Oyl comes forth no more black: after which, dry the *Calk* of *Luna* very well.

36. Take this dryed *Calx*, put

put it into another Glaſs, and caſt upon it diſtilled Vinegar, Oyl of Tartar, & Oyl of Salt, *Ana*: (ſome doubt whether the Oyl of Tartar ſhould not be Oyl of Sal Armoniack) mix the Oyls with the Vinegar well, before you put them to the *Luna*, then move and ſtir them well, lute all diligently, and put them into Horſe-dung to digeſt, for the ſpace of ſixteen days. This done, diſtil away the humidity; ſublime the *Sal Armoniack*, and waſh away the *Tartar* with warm water (or with warm Spirit of Vinegar which is better) ſo will your *Luna* be in running Mercury very quick.

37. But if all the *Luna* is not diſſolved into running *Mercury*, waſh it well from its blackneſs, and grind it well, dry it, and put it into a Crucible with *Luna* in very thin leaves, which lay, *ſtratum ſuper ſtratum*: put the pot upon a good fire, blowing it, and when it begins to melt, caſt all into hot water, and it will be running Mercury.

IV. *The proceſs of the Grand Elixir of* Paracelſus.

38. Out of the Corporeal Life, *viz.* vulgar *Mercury*, extract the firſt liquid *Ens*, (as being a Celeſtial fire) the Quinteſſence of *Sol*, and a ſharp Metaline *Acetum*, by a ſolution with its own Mother; that is, he muſt permix it with the *Arcanum* of Salt, and with the ſtomach of *Anthion*; that is, with the Spirit of Vitriol, and muſt therein diſſolve the coagulated *Mercury* of *Antimony*, digeſt it, and afterwards reduce it in *Cryſtals*, that it may be like to a yellowiſh Cryſtal.

39. Or thus. Take the Mineral *Electrum* in filings, put it into its own *Sperm*, that its defilements may be waſhed away, and purge it to the utmoſt, as much as you can with *Stibium*, after a Chymical manner, leſt that otherwiſe thou ſhouldſt ſuſſer loſs, by reaſon of its impurity. Then reſolve in it the Stomach of the *Oſtritch*, which

which is born in the Earth, and is comforted and ſtrengthned in its virtue, by the ſharpneſs of the *Eagle*. When the *Electrum* is conſumed, and hath, after its ſolution, gotten a Marigold color, be not unmindful of reducing it, into a Spirituous tranſparent Eſſence, reſembling the colour of true *Amber*. Add to it, half ſo much only, of the extended *Eagle*, as the corporeal *Electrum* (afore its preparation) weighed; and oft-times abſtract thencefrom the Stomach of the *Oſtrich*, for ſo thy *Electrum* will be ſtill more and more ſpirituous. But when the Stomach of the *Oſtrich* is wearied, or ſpent with labor, it is fit that thou refreſheſt or reneweſt it, and from time to time abſtracteſt it. Then laſtly, when it hath again loſt its ſharpneſs, add the *Tartariz'd* Quinteſſence, but in ſuch a proportion, as to over-top it four inches in height, that ſo it may be deprived of its redneſs, and may paſs or diſtil over together therewithal; this do ſo long and ſo often until it becomes white of it ſelf. Then when it is enough, (for thou wilt ſee with thine Eyes how it will fit it ſelf for ſublimation) and thou perceiveſt that ſign, ſublime it; and ſo the *Electrum* will be converted into the Whiteneſs of the exalted *Eagle*; and 'tis brought thus to paſs, and is tranſmuted by a little labor: Now this is that we ſeek for, for our uſe in Medicine, with the which thou mayeſt make a ſafe progreſs in many Diſeaſes, which will not yield to vulgar Medicines. Thou mayeſt likewiſe convert the ſame into a Water, an Oyl, or a red Pouder, and uſe it in all ſuch Medicinal Caſes as need requires: and herein lyes ſo great a Vertue in Curing Men, that there cannot be found out a more certain, and more excellent Medicine in the whole World. The *Electrum* being deſtroyed, as aforeſaid, if thou wouldſt make a farther progreſs, and arrive to thy wiſhed end; Take the deſtroyed and flying made, or Volatilized *Electrum*, as much as thou haſt a deſire to perfect, and

and put it in a philosophical Egg, sealing it excellently well, that nothing may evaporate. Let it stand so long in an *Athanor* until it doth of it self, without any addition begin to be resolved from above; in such-wise, that there be an appearance of, as it were, an Island in the midst of the Sea, the which doth day by day grow less and less, till at last it be changed into the deepest black. This black, is the Bird which flyes without Wings in the Night, the which even the first Cœlestial Dew, hath by a perpetual Coction, and ascension and descension transmuted into the *blackness* of the Head of a *Crow*, the which doth afterwards assume the *Peacocks* Tail, and then gets the Feathers of the *Swan*, and last of all, receiveth the *highest redness* of the whole World; the which is a sign of its fiery Nature; by the which fire it expelleth all the accidents of the Body, and cherisheth the old and decayed Members. This Preparation is done (according as all Philosophers affirm) in one only Vessel, one Furnace, one Fire; the vaporous Fire never ceasing. By this Cœlestial and perfect Medicine, may all the defilements of Metals be washed away; and their hidden parts be made manifest: For this same more than perfect Medicine can do all things; it penetrates all things, and infuses or pours in Health, in that very self same time when it expels the Evil and the Disease. Give heed to this Preparation, for 'tis the cause of Solution; and to the glorified, destroyed, and spiritualized *Electrum*, use the *Tartarized Arcanum*, to wash off the superfluities which happen in the preparation, least you labour in Vain: however nothing of the *Arcanum* of *Tartar* will remain, but you are to proceed with it only Circularly; for so it easily becomes of it self in the Philosophical Egg, and vapor of the Fire, a Philosophical Water, the which Philosophers call a viscous Water, it will also coagulate it self, and represent it self in all colors, and at last be adorned

ned with the higheſt redneſs. Of this Myſtery I am prohibited to write more plain, becauſe it is at the diſpoſe of the Divine Power.

40. Or thus. *In the Name of God*, Take *Mercury*, or elſe the Element of *Mercury*, and ſeparate the pure from the impure: afterwards let it be reverberated even to a whiteneſs, the which ſublime with Sal Armoniack ſo long until it be reſolved: let it be calcined, and again diſſolved, and be digeſted in a *Pellican* a month; then at length let it be coagulated into a Body. This Body is no more combuſtible, nor conſumable by any manner of means, but abides in the ſame State. Thoſe Bodies which it penetrates are permanent in the *Cineritium* or *Cupel*, and cannot in the leaſt be reduced into nothing, or be altered; but this Stone takes away every ſuperfluous quality from ſenſible and inſenſible things, as we have afore declared. And albeit we have ſet down a ſhort way, yet it requires labour, and needs ſuch an operator as is not ignorant, or will be weary, but ſuch an one as is highly dilligent and expert.

41. Or thus. Take the *firſt matter*, digeſt it in a *Flacco*, a flat, or flattiſh Veſſel, in a Reſolutive digeſtion for a month: then let the addition of a *Monarchy* be added thereunto in an equal weight, and let them be again digeſted for a Month or two; then diſtil this matter over by a *Retort*, and that which ſhall aſcend ſhall be the *Arcanum* of the *firſt matter*, of which we here Write. None can have a reaſon to admire at this ſo ſhort away and proceſs, for multitudes of Words bring much error.

V. *Proceſſus Elixiris Tutonicus.*

42. *In the Name of God Amen.* Take pure Gold well purged by Antimony p. ij: Mercury of Luna p. vj: Vulgar Mercury well purged and cleanſed from all filth p. xij;

p. xij: put them into a glass Matrass, with a glass cover, and work according to Art; These three following Operations.

43. *The first Operation.* Hang the Matrass three Inches distance from a very gentle fire, moving sometimes by little and little the Matrass, until you see the matter dissolved, and of various colours. But first you shall see the Peacocks Tail, which presently vanishes away: and immediately upon it, after the dissolution, you shall see the Crows-head: then follows *Saturn*, which is blackness: after that *Jupiter* of an Ash colour, which does immediately vanish: After that comes the Pearls in the Circumference, then presently take away the matter from the fire, which will congeal in a black somwhat whitish, much like the Wrinkles in an old Womans Face: this Operation is commonly performed in the space of an hour.

44. *The second Operation.* This being done, conjoyn the matters together before the Vessel is cold, and hang it upon the fire; following this second operation with a very soft fire, as is aforesaid; and you shall see a little Skin like a Spiders Webb, swimming over it, which vanishes away, and is a foretoken of whiteness, and this is *Narcissus* Fountain. Leave now, until you see the matter boyl of it self, which is a sign of its Birth and hour of its Nativity; and the matter will be sublimed, but not so much as it did before, because it is more fixt. Now shall you see the matter to wax all white, the which is called the foliate Earth, and the matter will open in two parts, and move of its Self, which is properly the hour of its Nativity or Birth, which must at all times be observed. This done, you shall see Pearls in the Circumference, then shall you take it off from the fire, and the matter will congeal very White; the which is done also, in the space of one hour or little more. You must note, That you are to take great heed of the drops which are sublimed,

med, that they do not fall by too much heat; and for that left you should not see so perfectly, the hour of the Nativity, because the matter doth move principally when the drops do fall.

45. *The third Operation.* Hang it over a very gentle fire, and there let it sublime a little; and you shall see *Mars* and *Venus*, before the separation of the Elements; proceed with a very gentle fire, until you see the matter to turn it self into Ponder like fine flower. But take heed that the drops do not fall, if possible it may be, because the Work will be so much the longer; and you may the better see the separation of the Elements in the bottom of the Glass. That is to say, the special form of the *Gold* separated from its *Mercury* Philosophical, which was made in the same hour of the Nativity, the which is then *Rebis*, because it is inseparable from its Solar Sulphur; for then is made the Copulation of the Male with the Female, by means of Vulgar *Mercury*. This done, and that you have seen the pure separation of the Elements, take it from the Fire, that it may cool a little, and conjoyn the matters together, and dissolve it as you know, and as Nature requires.

46. This Work is done in the space of two Months, wherein the matter will be black like Pitch, and in form of a Pultise or Pap, and will be a natural black, the which by little and little vanishes away, but this is a true sign of a perfect dissolution, *viz.* the Ash-colour, and coming a little after to the White, which will be in the space of two Months. Then shall you see the Work to be true, for it will congeal and fix *Mercury* into *Luna*; but is not yet fixed, but continuing the fire in the same degree unto the seventh Month, then shall you make your Projection upon Vulgar *Mercury* purged, with five parts of Silver, which will be frangible or brittle, and a Medicine upon the aforesaid *Mercury*: one part upon fifty parts of

of common *Mercury* purged.

47. But if you intend for the Red; you muſt increaſe your fire to the third degree; ſo will the matter by degrees become yellowiſh; (*geelachtich*, a Dutch word;) continue the ſame degree, and by little and little it will become Red; and in the ſpace of two Months, a moſt perfect Red; then take it off from the Furnace, and in a naked Fire calcine it: then is it a general Medicine for the Body of Man-kind, the which if you ſo pleaſe, you may augment both in quantity and quality. Thus putting its equal weight of the ſame *Mercury*, (of which you began the Work) made perfect, as aforeſaid (which is a work of three days,) and ſo you may continue until you have enough, or as much as you pleaſe, and all this ſhall be true Medicine for Humane Bodies; till the projection or fermentation be made upon the Body of *Sol*; then it will ſerve only for the Metals. And firſt you ſhall make the brittle *Sol*, as before you made the brittle *Luna*; ſo will it be a Medicine for *Sol*: you may project one part of this Medicine, upon fifty parts of fine *Luna*; and it will be all fine *Sol*: but you may multiply it to Infinity: I my ſelf have only ſeen it to fifty: the which I atteſt to be true, under the *Silence Philoſophical*, the which I have here freely given Thee by the Faith of a Chriſtian.

VI. *The Proceſs of the great Elixir according to* Divi Deſchi, Genus Amo.

48. Take of our Earth through Eleven degrees, gr. xj: of Our Gold, and not of the Vulgar, gr. j: of Our *Luna*, not of the Vulgar gr. ij: but be then admoniſhed that thou takeſt not the Gold and Silver of the Vulgar, for they are Dead; but take Ours which are Living; then put them into Our Fire, and there will thence be made

a dry Liquor. Firſt the Earth will be reſolved into Water, which is called the Water of Philoſophers; and in that Water it will reſolve the Bodies of the Sun and Moon, and conſume them, that there remains but the tenth part with one part, and this will be the *humidum Radicale Metallicum*. Then take the Water of the *Sal Niter* of Our Earth, in which there is a living ſtream, if thou digeſt the pit Knee deep. Take therefore the Water of it, but take it clear, and ſet over it the *humidum Radicale*, and put it over the Fire of putrefaction and generation, but not ſuch as was that in the firſt operation. Govern all things with a great deal of diſcretion, until there appear colours like to the Tail of a Peacock: govern it by digeſting of it, and be not weary till theſe colours ceaſe, and there appears throughout the whole, a green colour, and ſo of the reſt. And when thou ſhalt ſee in the bottom, Aſhes of a fiery colour, and the Water almoſt red; open the Veſſel, dip in a Feather, and ſmear over ſome Iron with it; if it Tinge, have in readineſs that Water which is the *Menſtruum* of the World (out of the Sphear of the Moon ſo often rectified, until it can calcine Gold) put in ſo much of that Water, as was the cold Air, which went in: boyl it again with the former Fire, until it Tinge again.

VII. *The Proceſs of the Elixir according to* Pontanus.

49. Take the matter and grind it with a Phyſical contrition, as dilligently as may be, then ſet it upon the Fire, and let the proportion of the Fire be known, *to wit*, that it only ſtir up the matter; and in a ſhort time that fire, without any other laying on of Hands, will accompliſh the whole Work, becauſe it will putrefy, corrupt, generate and perfect, and make to appear, the three principal colours, black, white, and red. And by the means of

Our fire, the Medicine will be multiplyed, if it be conjoyned with the crude matter, not only in quantity, but also in Virtue. Withal they might therefore search out this Fire, which is mineral, equal, continual, vapours not away, except it be too much ſtirred up; pertakes of Sulphur, is taken from elſewhere, then from the matter; putteth down all things, diſſolveth, congealeth, and calcines, and is artificial to find out, and that by a compendious and near way, without any coſt, at leaſt very ſmall, is not tranſmuted with the matter, (becauſe it is not matter) and thou ſhalt attain thy wiſh, becauſe it doth the whole Work, and is the Key of the Philoſophers, which they never revealed.

VIII. *The Smaragdine Table of* Hermes, *from whence all Alchymy did ariſe.*

50. True without falſity, certain and moſt true: That which is Inferiour, is as that which is Superiour; and that which is Superiour is as that which is Inferiour, for the accompliſhing of the Miracles of one thing. And as all things were from One, by the Mediation of One; ſo all things have proceeded from this one thing by adaption: the Father thereof is the Sun; and the Mother thereof the Moon; The Wind carried it in its Belly: the Nurſe thereof is the Earth. This is the Father of all the perfection of the whole World: the Virtue thereof is intire, if it be turned into Earth. Thou ſhalt ſeparate the Earth from the fire, the ſubtil from the thick, ſweetly with a great deal of Judgment. It aſcends from the Earth up to Heaven, and again deſcends down to the Earth, and receives the Powers of Superiours, and Inferiours: So thou haſt the Glory of the whole World. Therefore let all obſcurity fly from thee. This is the ſtrong fortitude of the whole fortitude, becauſe it ſhall

overcome every thing that is subtile, and penetrate every solid thing, as the World is created. Hence shall wonderful Adaptations be, whereof this is the manner; wherefore I am called *Hermes Trismegistus*, having three parts of the Physosophy of the whole World. It is compleat, what I have spoken of the operation of the Sun.

IX. *The fixation of* Sol *and* Mercury.

51. Take very thin plates of pure fine *Gold*, which heat red hot: put them so heated into a Crucible, in which *Hungarian* or *Spanish Mercury* is cast, being set upon hot Embers so as the *Mercury* begins to smoak first. Put in first one plate red hot, then another, and so one after another, as you see them dissolved; so will the *Mercury* drink up the plates of *Gold*. The proportion of the *Gold* to the *Mercury*, is as 1. to 24. *viz.* to one dram of *Gold*, three ounces of *Mercury*; such is the proportion be the quantities never so great: so will the *Amalgama* be soft as Pap, and it will be a firm and good *Amalgama*. Put this mixture into a Glass Bolt-head, with a long Neck: set it in a fit Sand-heat firmly Sealed up: increase it gradually, till you have a strong fire, so that the *Mercury* doth boyl: continue and keep the said fire the space of five days and nights. And constantly as you see the *Mercury* to ascend up by the sides of the Glass, put it down again, with a linnen cloth fastned to the end of a stick fitted to that purpose. Thus continue the matter with fervent fire, till the whole *Amalgama* is turned into a subtil red Powder, as red as Dragons Blood, and so dry, that no part of the *Mercury* does appear. Then let it cool, and you have a certain *Calx* for the Red work, which is firm and good: This *Calx* may be *fixed* by a due digestion in a gentle heat, and if it be dissolved in the *Wa-*

ter of the *Philosophers*, it may be augmented and made *Spiritual*, so as it shall penetrate, transmute, and fix all Metals, bu chiefly *Luna* into fine *Sol*. The same may be done with *Luna* for the white Work, which will penetrate, transmute and fix both *Jupiter* and *Venus* into fine *Luna*: This subtil and transmuting matter is either a *Powder* which with a gentle heat will melt like Wax into Oyl: *Or*, it is an *Oyl incombustible*, which penetrates all Meraline Substances: *Or*, it is a *subtile Volatile spirit*, whose energy is a fixing Power, and fixes all other Volatile things.

X. *An Explication of the former Work by the Author.*

51. First, *The Seed of Gold is lodged in all Metals.*

This is apparent from their generation in the Womb of Nature, whose Origination is *Mercury*, which is indeed immaturate Gold: and so remains immaturate in the baser Metals, till a ripening and meliorating Spirit quickens that Seminal property, lodged in the Womb of impurity: moreover it has been proved by the experience of many Operators and Alchymists, and made visible to the Senses, what quantity of Gold a proportional quantity of every one of the Metals have yielded; which although it has been a Work of no profit, yet has given that satisfaction to prove the Truth of this proposition.

53. Secondly, *This Seed of Gold, both may and ought to be quickned, or made to Live.*

This is done through the Death of the first matter, and disposition of the second to a resuscitation or resurrection of that innate, energetical, and seminal Life, and that only by the universal Spirit of the World, which is one thing in the Fire, another thing in the Air, another thing in the Water, and lastly, another thing in the Earth.

54. Thirdly, *This Seed being quickned elaters it self into other Bodies, and trans-*

mutes

mutes them into its own property.

That is, juſt as the Seminal Life of Vegetables tranſmutes or changes that *Succus* or humidity of the Earth proper to themſelves, into their own Forms and Natures; and ſo of a little Seed there becomes a great Tree. So that the Earth is the Womb, out of which ſo ſmall a Seed becomes a great Tree, by the tranſmuting property of the innate Seminal Life in the Seed. And ſo all the Baſe Metals are the Wombs unto that Seminal purity in which Womb, if the Seed be diſpoſed rightly, there will be as certain a generation and encreaſe: And the purity of the baſe Metals will be tranſmuted into that Seminal property to a vaſt augmentation.

55. Fourthly, *That this may be rightly done, the Bodies of the baſe Metals muſt be opened and prepared.*

That is, they muſt be brought unto a mortification, that that ſtrong band which has hitherto chained the *Seminal Life* may be broken, and ſo the Energetick Virtue may be ſet at liberty. This is performed by the fiery flying Dragon, who devours all that he comes near. This being done, the *Semen* muſt be caſt into and conjoyned with this mortified Body (impregnated with the univerſal Spirit of the World,) that it may there generate, tranſmute and mix. Now this Spirit is fourfold, according to a fourfold property, as we have ſaid at Sect. 53. aforegoing.

56. Fifthly, *This may be done in any of the baſe Metals; but they (like the Earth) yield an encreaſe, according to their Degrees in purity; ſo that more of the Body of a pure Metal is tranſmuted, than of an impure.*

As Barren Earth cannot yield ſo great an Encreaſe as a fertile Soil; ſo neither can a Baſe Metal yield ſo great an augmentation, as a more fine: there muſt be ſomething in the Matrix into which the Seed is caſt, which muſt be in its own Kind, homogene with it, elſe no Encrea-

ex-

expected; and according to the quantity of the Homogene matter in the prepared Body, such is the encrease. If you should cast this Seed upon Chalk, Lime, or such like Heterogene matter, you may look till your Eyes fall out, before you see a Metaline Transmutation: If you cast it upon a Philosophick *Calx* of Tin or Lead, &c. you will see a transmutation, but only in part, according to the quantity of the Metaline or Homogene roots in the said Metals: but if it be cast upon a Philosophical *Calx* of *Luna*, it transmutes the whole Body into most pure *Sol*, so that you may see, that according to the degree of the Metaline perfection, such will be your augmentation or encrease.

Sixthly, *The Bodies of the baser Metals being fitted, the* Semen *must be cast into the same Homogeneans*; That is, there must be a conjunction of the *Semen* or true *Golden Essence*, with the prepared Body to be transmuted. Now you must be careful you use not the Simple Body of any Metal for this *Semen*, for then you will be deceived. The matter in which the generative Spirit is lodged is another thing. If you bury a whole Tree or Plant in the Earth, it will not generate, and bring forth another Tree, but Perish and Rot; the Seminal or Generative Virtue and Life is clog'd and loaded, and so is ineffective. But if you bury the Seed of the same Tree, you may have another or more, according to the quantity of the Seed sown. The same you must understand, in the generation of Metals, and of the Golden Work. It is not Gold which will generate Gold, but the Seed of Gold.

Seventhly, *This* Semen *must be Volatile.* Otherwise it cannot transmute, for nothing but a Volatile Spirit or Essence can dilate and spread it self. A fixed matter cannot operate at all, for all fixed things are Dead, and their Life remains in a General State, not fit for Co-action. This is evident

dent in the Volatile Salts of *Vinegar* and *Quick-lime*, which (by reaſon of their Volatility) ſurpaſs the Art of Man to attain Simple; but if you mix a *Lixivium* of *Quick-lime* with *Vinegar*, you may have a large quantity of Salt, and that fixed, which was before unattainable. Thus you ſee out of *two Volatile* things a *third* abſolutely *fixed* is produced; and this is the Condition of the great Work. But before this can be accompliſhed, you muſt make fixed things become Volatile, which is done by the oppoſite Ration, for while the matter is fixed, it cannot act in the leaſt meaſure either to any natural Generation, or Phyloſophical Tranſmutation.

59. Eighthly, *It muſt be of an unchangeable deep blood red colour.*

Otherwiſe it could not tinge; for was it only yellow, it would only create a faintiſh kind of Green. But this Our Philoſophick Tincture does generate Gold of the higheſt and pureſt Nature, and having the deepeſt yellow perfectly and throughly in every part and particle thereof imbibed with the Golden Spirit, and having all the Virtues, Powers and Operations of Gold, in the higheſt and largeſt meaſure.

60. Ninthly, *This* Semen *is made Volatile by deſtruction of its external form.*

That is, the matter out of which the *Semen* is drawn, muſt be opened by a Philoſophick Calcination, and ſeparated by the beams of the Sun, by which the Solar property will make an impreſſion on the fixt matter to render it Volatile. Nature muſt be brought to Action, and ſuffer a Revolution, that the Dead or inactive Body may let fall its *Semen*, out of which the Golden Tree of the Philoſophers is produced.

61. Tenthly, *This* Semen *is made Blood-red by impregnating of it with the ſpirit of the World, and Blood of the Dragon.*

It is neceſſary, That there be a common Band to conjoyn

joyn the Bodies which are to be united. As the Bodies of the Base Metals, (which are the Womb for this Seed) are to be Mortified; so must that Body be, out of which you extract the *Semen*: and as that mortified and prepared Body is to be impregnated by the said universal Spirit and Blood of the *Dragon*; so also must this *Semen*, that there may be as well a Sympathy and likeness in Nature, as a Unity in Body.

62. Eleventhly, *The matter out of which this* Semen *is to be extracted, is* Mercury, *or* Gold, *or both.*

We mean simply, and without Metaphor Quick-silver and Gold: for if there be an innate Life, Virtue and Power in the Base Metals, why not in these? If Lead, Tin, Iron, Copper, and Silver, contain in themselves the Seminal Life of Gold, and its Metaline root, why should *Mercury* or *Sol* be excluded, which are the things themselves?

63. Twelfthly, *This* Semen *being cast into the Body prepared for it, is there to be digested, till both be perfectly united; whose simple conjunction is the product of the Golden Kingdom.*

This Digestion is perfected only by force of an external Fire, conjoyned with the inward Seminal Life.

Here you have the sum of all the Philosophers opinions couch'd in a few Words, which none will be able to understand, but such to whom it shall please God to reveal the same.

As to the first process of this Chapter, which is an Idea of the universal Medicine of *Paracelsus*, and an elucidation of the Alkahest, the Artist is desired to take notice, That we were not permitted to publish it naked to the World, as it was in the *Original German Manuscript*; but *Ænigmatically*, it being unlawful to cast Pearls before Swine: the *Ænigma* is couched under those Words Printed in *Old English Letter*, and for the same I have fitted a Key, by which the riddle may be easily unfolded. It was communicated to me, by a several person unknown to one another.

CHAP.

CHAP. XXVIII.

Of Medicinal Explications.

BY reason we cannot prosecute our intentions in this Chapter Analytically, (lest it should swell too much beyond its bounds) we here for brevity sake, shall use the Alphabetical method.

1. *Acetum*, is simply Vinegar of Wine; but Philosophically it is taken for any sharp and corrosive Liquor.

2. *Ahenum*, is a Brass Kettle to boyl any thing in, or distil in Balneo or Ashes.

3. *Alchool* is a Spirit of Wine highly rectified, and other Spirits; sometimes it is a fine pouder.

4. *Alembicus*, is a Chymical Vessel, fitted to distill hot waters and Spirits with.

5. *Amalgama*, is a mixing, calcining or corroding of Metals with Quick-silver, thus: Take any Metal (except Iron) in thin Plates or Filings, mix with it eight parts of Quick-silver, till all becomes one Mass: then over a gentle Fire cause the Mercury to ascend (which by a head fitted to a Glass *Vesica* you may save, and the Metal will remain in a thin Calx.

6. *Amuletum*, *Periamma*, is a Medicine which cures Diseases, chiefly the Plague and Witch-craft, by hanging about the Neck.

7. *Ampulla* is a Glass Vial, sometimes it signifies a Bolt-head.

8. *Apozema*, is a Broth or Decoction, made by boyling Ingredients in any Liquor.

9. *Arcanum*, is the Quintessence of any thing in the highest, or the secret Virtues of things exalted (as *Paracelsus* saith) to a thousand degrees.

10. *Athanor*, a neat and close Chymical Furnace, of great heat, fit to perform many Operations.

11. *Adeps*, *Axungia*, Fat, the

the ſame with *Pinguido*; it ſignifies generally the Sewet and Greaſe, and ſometimes it is taken abſolutely for Hogs-Greaſe.

12. *Anthera, Apices*, are the tops in the middle of Flowers which ſtand upon Stalks.

13. *Anacollema*, Glew, properly uſed for a Medicine for the forehead, to ſtop bleeding.

14. *Apophlegmatiſmus*, a Medicine to draw Flegm from the head by the mouth; it is made like a Gargariſm, Maſticatory or Oyntment.

15. *Agitaculum*, a Stick, Spatula or Spoon to ſtir with.

16. *Arcula*, a little Box to hold Pouders, Oyntments or Balſams in.

17. *Aranea tunica*, the Cobweb coat of the eye.

18. *Abdomen*, the Belly or Paunch, *viz.* from the *Sternon* to the *Os pubis*.

19 *Abſterſive*, a thing that binds together, and ſtraitens the Pores and paſſages of the body.

20. *Anaſtomaſis*, an opening of the mouths of the Veins, by which means blood iſſues forth.

21. *Aduſtion*, burning: *Blood* is ſaid to be *Aduſt*, when by reaſon of exceſſive heat, eſpecially in Feavers, the thinner parts are evaporated, and the other remain thick and black.

22. *Atropy*, want of Nouriſhment, when the body pines away.

23. *Aneuriſm*, a Tumor, cauſed by the Dilatation of an Artery, the internal Coat being broken.

24. *Balani*, are Suppoſitories or Figs, to put up the Fundament to provoke Stool.

25. *Balſamus* or *Balſamum*, is either natural or a body made of Oyl, Fat and Roſin, impregnated with the Virtues of Herbs, thicker than an Oyl and thinner than an Oyntment: it is called *Linimentum*.

26. *Bechica*, are ſuch Medicines as eaſe Coughing, and expectorate Flegm.

27. *Bolus*, is a Confection, made ſomewhat thicker than an Electuary, and ſofter than Pills.

28. *Balneum*, a Bath, properly for the whole Body, of water natural or artificial.

29. *Bal-*

29. *Balneum Mariæ*, an Inſtrument to digeſt or diſtill in, being a Veſſel of water into which the Veſſel holding the matter is put: it is called the *Mary-bath*, ſo called rather from the *Sea*.

30. *Bronchia*, the hollow griſsly pipes which ſpread themſelves through the body of the Lungs, being branches of the Wezand or Windpipe.

31. *Cacumen, Coma*, the tops of Herbs and Plants.

32. *Calx*, is the Aſhes of things, or a body calcined and burnt till it is brittle.

33. *Caput mortuum*, is the matter which remains at the bottom of the Stillatory, thick and dry, chiefly from Minerals; but when it is named alone, it is only intended that of Vitriol.

34. *Cataplaſmata*, are Pultiſes made of Meal, and Oyl or Greaſe, impregnated with the Virtues of Medicines.

35. *Calcination*, is the reducing of any thing into a Calx, making it fryable as Chalk: it is done, 1: *by Fire*, as burning to Aſhes or Reverberation, 2. *by Corroſion*, as by Amalgamation, Præcipitation, Fumigation, Evaporation, Cementation or Stratification.

36. *Cementation*, is a Calcining of Metals with Salt or ſuch like, laying them *ſtratum ſuper ſtratum*.

37. *Ceratum*, is a Cear-cloth made of an Emplaſter not boyled enough.

38. *Circulation*, is when a Liquor is ſo placed in digeſtion, that the Volatile part in it is conſtantly lifted up, and falls down again, and ſo paſſes as in a Circle, till it comes to maturation or ripeneſs.

39. *Clarification*, is the purifying of Decoctions and Juyces from their droſs or fæces: it is done, 1. by the Whites of Eggs. 2. by Digeſtion. 3. by Filtration.

40. *Coagulation*, is the thickning of any thing by Evaporation, or by curdling it.

41. *Circulatorium*, is a Pellican, Circulatory or Bolt-head, *viz.* a Globe-like Glaſs with a long Neck.

42. *Colatorium*, is a Strainer made either of Canvaſs,

Flannel, or of Hair.

43. *Concha*, is a ſhell either to meaſure with, or to take up ſomething withal.

44. *Collyrium*, or *Sief*, is a Medicine (as Water, Oyntment, Pouder or Troches) to be put into the eyes.

45. *Collophonia*, is the thicker part of Roſin, which remains after diſtillation or boyling.

46. *Condita*, are Conſerves, made either with Sugar or Pickle.

47. *Crocus*, is a yellow pouder made of Iron, Copper or Antimony; alſo Saffron, the flowers.

48. *Cohobation*, is the pouring in again the Liquor Diſtilled upon the fæces, and diſtilling it again.

49. *Colation*, is the ſtraining of a Liquor from its fæces through a Strainer.

50 *Confection*, is the covering of any thing with Sugar; alſo an Aromatick Electuary.

51. *Concoction*, is the boyling of any thing in water or other Liquor.

52. *Corroſion*, is the Calcining of bodies, or fretting of them to Atoms with Corroſive things.

53. *Cribrum*, is a Sierce or Sieve made of Tiffany or Hair.

54. *Crucibulum*, is an earthen Pot to calcine in, made to endure the Fire round about it.

55. *Cryſtallization*, is the making of things like Cryſtal: it is proper to Salts, to which you may add Tartar and Sugar: theſe (after diſſolution in warm water) put into a warm place, turn into Chryſtals; which if there be too much water, it muſt be evaporated.

56. *Cucurbita*, it is a Gourd like body made of Glaſs.

57. *Cortex*, is the Bark of any thing, the cover or skin of Vegitables.

58. *Cauterium*, a Cautery, becauſe it burns, either with actual fire, (as a hot Iron,) or with a Potential fire (as a burning Medicine.) It is made like a Crone, of Oyl or Butter of Antimony, or of a Lixivium of Vine, or Pot Aſhes.

59. *Cement*, is a pouder commonly uſed in Cementation

tion or Calcination.

60. *Claretum*, Claret-wine, in ſhops, it is Hyppocras or ſpiced Wine.

61. *Clyſma*, is a liquid medicine caſt into the mouth, ears, womb, fundament, by a pipe.

62. *Cucupha*, is a Cap, or ſuch like thing quilted with Spice, or hot herbs.

63. *Cucurbita*, a Retort or Mattras made of Earth, ſtone or glaſs.

64. *Capſula*, the head or cover of any Veſſel, Stillatory or Furnace.

65. *Cauſticks*, are Medicines to burn the skin and fleſh with, make Iſſues, &c.

66. *Conjunctiva*, a Coat of the Eye, ſo called becauſe it ſticks faſt to the Eye, and keeps it in its place.

67. *Cornea*, A coat of the Eye, like the horn of a Lanthorn.

68. *Criſis*, A time to give judgment in, manifeſted by bleeding at noſe, by Vomiting, by Stool, by Urine, by Sweating, by breaking out at lips, or by Abceſs.

69. *Cryſtalline humour*, a part of the Ey, which reſembles a little Cake of Cryſtal: if you open a Calves Eye carefully you may take it out whole.

70. *Conjunct Cauſe*, is the immediate Cauſe, ſo Flegm ſtopping the optick Nerves is the Conjunct Cauſe of Blindneſs; whereas taking cold, eating flegmatick meats, are remote cauſes.

71. *Congeſtion* is the gathering together, or heaping up of many humours.

72. *Caries*, is foulneſs, rottenneſs, or corruption of a Bone.

73. *Cacochymical*, is a Body which is repleat or abounds with many evil humours.

74. *Cardialgia*, is that commonly call'd Heart-burning.

75. *Coalition*, is a healing up or growing together of a wound or ulcer: or the uniting of any parts which ought to be open, as of the Privitys, Anus, *&c.*

76. *Cicatrize*, is to bring unto a ſcar, or to skin, as in the healing up of Wounds and Ulcers.

77. *Decantation*, it is the

pouring off of a ſettled liquor by Inclination.

78. *Decoctum*, is a Broth or decoction, made by boiling in any liquor.

79. *Deliquium*, is the diſſolving of a hard body into a liquor, as Salt or calcin'd matter, in a cold and moiſt place, as a Cellar, *&c.*

80. *Dentifricium*, is a liquor, Gargariſm or powder to cleanſe the Teeth and Gums.

81. *Diaclyſma*, is properly a Gargariſm, or mouth-water.

82. *Diploma*, a Balneum Mariæ, or a water or Sea-Bath.

83. *Diſſolution*, is the diſſolving of a Body with things proper to its nature.

84. *Deſpumatio*, is the taking off the Scum with a Spoon or ſtrainer, which ariſes in boyling.

85. *Diſtillation*, is the drawing of a Liquor, made thin with heat, into a Receiver. 1. In reſpect of the Veſſels, as by an Alembick, Retort, Veſica, *&c.* 2. In reſpect of the kinds, as by Aſcention or Deſcention. 3. In reſpect of the manner, by Bath, Vapour, Balneum Mariæ, Aſhes, Sand, naked fire.

86. *Decripitatio*, is the calcining of Salt, till it leaves crackling.

87. *Dephlegmation*, is the ſeparation of flegm, either by diſtillation or evaporation.

88. *Digeſtion*, is the ripening of crude, undigeſted matter with a gentle heat.

89. *Dropax*, is a ſticking and drawing Medicine, ſo called from Pitch uſed with other ſticking ingredients.

90. *Detonation*, is when things are calcin'd with Niter, thereby making a thundring, as in Crocus Metallorum.

91. *Dulcoration*, is a ſweetning with Sugar, Honey or Manna.

92. *Diagnoſis*, the knowledg of the Diſeaſe gathered by the ſigns.

93. *Defluxion*, is the falling of Rhume from the head upon Inferior parts.

94. *Diarrhæa*, is a ſimple Looſneſs, without blood, extream pain, or Inflamation of the Guts.

95. *Diet*,

95. *Diet*, is in a Phyſical ſenſe, commonly taken for Dyet drink.

96. *Diſtemper*, is any exceſs of the firſt qualities: four are ſimple, as a hot, a cold, a moiſt and a dry: four are compound, as a hot and moiſt hot and dry, cold and moiſt, cold and dry.

97. *Derivation*, is the drawing of the humor offending, from the diſeaſed part, to ſome other part.

98. *Drum of the Ear*, is a little hollow bone in the ear covered with a skin like a Drum, which being beaten upon by another little bone like a Mallet, cauſes a ſound to be heard in the Ear.

99. *Diapedeſis*, is an iſſuing of Blood through the pores of the Veins, like ſweating.

100. *Diæreſis*, is the iſſuing of Blood by leaping, thro the rupture of a Vein.

101. *Diaphoreſis*, is the ſweating of humors through the whole body, or through a part.

102. *Eclegma*, is a Medicine for the Lungs, called a Lohoch, ſomething thicker than a Syrup.

103. *Emulſion*, is a Medicine made of Seeds, or Almonds almoſt like Milk.

104. *Errhines*, are Medicines in Pouder, liquor or bolus, purging by the Noſtrils.

105. *Eſſences*, are the balſamick part of a thing, moſt clearly ſeparated from the groſs.

106. *Edulcoration*, is a ſweetning of any thing; properly, the waſhing of calcin'd bodies with water till they are freed from their Salts, and become perfectly ſweet.

107. *Emmenonagoga*, are ſuch medicaments as provoke the Terms.

108. *Emphractica*, are ſuch Medicines as ſtop up the pores by a clammy moiſture.

109. *Evaporation*, is an exhaling of the humidity over a gentle heat or fire.

110. *Expreſſion*, is a ſtraining or drawing forth of Liquids by preſſing.

111. *Extraction*, is the drawing forth of the Eſſence, Life or Virtue of a Medicine, by a fit Menſtrum or liquor, which is generally either S. V.

Oyl of Turpentine, Liquor of Tartar, Lixivium of Quick-lime, or ſpirit of Vinegar.

112. *Embrocha*, or *Embrocation*, a kind of Fomentation or Bathing, only it is done with Oyl.

113. *Eleoſaccharum*, is a diſtilled Oyl or Eſſence, mixed with Sugar, to every dram one ounce.

114. *Epithema*, a Medicine for the region of the Liver, chiefly liquid.

115. *Excipulum*, a recipient or receiver, uſed in diſtillation.

116. *Epiſpaſtick*, a Medicine to draw Blifters with, chiefly an Emplaſter.

117. *Expulſive Faculty*, that which ſends forth the Excrements in Mans Body.

118. *Emunctories*, certain paſſages, by which Nature diſcharges her ſelf of ill humors, *viz.* the Glandules, as behind the Ears, in the Arm-pits, Groins, *&c.* This is evident in the Plague.

119. *Ebulition*, a working or boyling of the blood in the Veins, almoſt like new Wine.

120. *Epidemical*, that which at a certain time is common to a whole Country or Nation.

121. *Eſcharotick*, a kind of Cauſtick Medicament.

122. *Efficient Cauſe*, that which creates or makes the Diſeaſe.

123. *Emulgent Veins*, are thoſe which bring the Serum unto the Kidneys, where it becomes Urine, and is paſſed by the Ureters into the Bladder.

124. *Eneorema*, that which hangs like a Cloud in the middle of the Urine chiefly when a Diſeaſe is breaking away.

125. *Eſchar*, is the cruſt that falls off from a part, where a Cauſtick has been lately applyed.

146. *Fœcula*, pouder or ſetlings, which remain in the bottom after ſtraining.

127. *Fermentation*, is the reſolution, rarefaction, and maturation of a thing in it ſelf, done either by adding of Ferment, *viz.* ſomething which will work, as Yeſt, Leaven, *&c*: Or by digeſtion only.

128. *Fil-*

128. *Filtration*, is the ſtraining through brown paper, or Woollen Cloth, made in form of a Funnel.

129. *Fixation*, is the making of what is Volatile, or will fly, to endure the Fire, and not fly away; it is done by many reiterated diſtillations and ſublimations; or by adding ſome fixed thing to fix it.

130. *Flores*, is a fine light pouder, raiſed principally from Minerals by ſublimation.

131. *Folliculus*, a thin container of ſeed or graſs; Or a kind of Cod, as of Peaſe, Beans, Sena.

132. *Fumigation*, the calcining, chiefly of Metals, or Minerals, by the Fumes of ſharp Spirits.

133. *Fornax*, is a Furnace, wherein Chymical Operations are performed.

134. *Filtrum*, a Filter of brown paper or ſtrainer.

135. *Forceps*, a pair of Tongs, both Chyrurgick and Chymick Inſtruments.

136. *Frontale*, is a Medicament to be applyed to the forehead, like an *Epitheme*.

137. *Fungus*, a Muſhroom growing either from a Tree or the Ground.

138. *Friction*, is a rubbing of the body or skin hard with courſe cloths.

139. *Flatulent*, is a thing which is windy, or filled with wind.

140. *Fictile*, is a certain kind of Earthen Veſſel.

141. *Formicant Pulſe*, is a quick, but weak feeble Pulſe, feeling like creeping Piſmires.

142. *Fomentation*, is when linnen Cloths or Spunges are dipt in ſome warm Liquor, and applyed to the diſeaſed part, if it be with Oyl, it is *Embrocation*.

143. *Galreda*, *Gelatina*, is a kind of clammy Juyce or Jelly, made of Calves-feet, Harts-Horn, *&c.*

144. *Gargariſmus*, is a water to waſh the mouth and throat withal.

145. *Granulation*, is the reducing of any maſs or body into little grains.

146. *Glandes*, Suppoſitories to put up the Fundament, provoking to ſtooll.

147. *Gemma*, precious ſtones

ſtones, in Plants the ſame with *Oculi.*

148. *Geniculum*, is a knot or joynt in a Plant.

149. *Glandules*, Kernels, ſuch as are about the Throat, Almonds of the Ear, Pancreas, *&c.*

150. *Generous Wine*, it is commonly taken for rich Canary, Muſcadine, or Tent.

151. *Hypnotica*, are ſuch Medicines as cauſe reſt and ſleep.

152. *Hollippæ*, are Cakes made of Wheat Flower, and infuſions with a little Sugar.

153. *Hypocondria*, The parts on each ſide, beneath the ſhort Ribs.

154. *Hydrelæum*, a mixture, being both Bath and Oyntment, or Water and Oyl beaten together.

155. *Hippocras Bag*, called by ſome *Hippocrates* his Sleeve, a bag of Wooll Pyramidal.

156. *Hydromel*, Mead, Metheglin, made of Water and Honey, boyled and Fermented together.

157. *Hemorrhage*, a flux of Blood breaking forth from any part of the Body.

158. *Hyſterick*, a matter, thing, diſeaſe or Medicine belonging to the Womb.

159. *Hæmorrhoid Veins*, Veins of the *Anus*, conveying black and melancholy blood.

160. *Imbibition*, it is the ſoaking or moiſtning of any thing that is dry.

161. *Infuſion*, is the ſteeping of a body or maſs, in Water, Whey, or other liquid things.

162. *Julep*, is a ſweet Potion, made by mixing Spirits, or Waters with Syrups.

163. *Inceration*, is an Imbibing or moiſtning of a dry thing.

164. *Incineration*, is a burning to Aſhes or Cinders.

165. *Inſolation*, is a certain digeſtion performed in the heat of the Sun.

166. *Juli*, are the firſt leaves, or the long flowers of Walnuts, appearing with the firſt leaves.

167. *Impregnation*, is the filling or loading of one body, with the virtues, powers, or parts of another.

168. *In-*

168. *Inciding*, is a cutting of things, as Roots, Barks, Woods, Herbs, with a Knife or Sheer[illegible].

169. *Inaurating*, is to cover a thing with Gold, as March-pane gilded, but it is chiefly ſpoken of Pills which are gilded in a Box with leaf Gold, by ſhaking of it.

170. *Infundibulum*, is a Funnel made of Tin, Pewter or Glaſs, alſo a ſeparating Funnel.

171. *Jugular Veins*, are the Throat Veins, or thoſe on the ſides of the Neck.

172. *Internal Senſes*, are common ſence, Imagination, Underſtanding or Apprehenſion, and Memory: but there are five External, as Seeing, Hearing, Smelling, Taſting, Feeling.

173. *Inveterate*, is a thing that is old, of long continuance, rooted, ſtubborn, rebellious.

174. *Inclination*, is the holding a Veſſel on the one ſide, to pour off the clear from the ſetling.

175. *Iris*, is a party-coloured circle in the ſight of the Eye, almoſt like a Rainbow.

176. *Inſpiſſate Juyce*, is the Juyce of an Herb, boyled to a thickneſs, ſometimes to dryneſs.

177. *Indication*, Symptoms of a Diſeaſe, ſhewing what kind of remedies are to be uſed.

178. *Intermitting pulſe*, is that which holds up a while and then beats again; then ſtops, and then beats again, accounted among Phyſicians as a ſign of great Obſtructions and weakneſs.

179. *Laudanum*, is a Medicine eaſing pain, alſo a Compound of *Paracelſus* ſo called.

180. *Levigation*, is the reducing of any thing into a fine pouder, by grinding on a ſtone.

181. *Limation*, is the filing of a Metal into pouder.

182. *Linimentum*, is a fat Topick medicine, thicker than Oyl, and thinner than an Oyntment. See *Balſamum*.

183. *Liquefaction*, is the melting or diſſolving of any congealed body, by heat of Fire or Sun.

184. *Lenitives*, are gentle,

tle, ſoftning and looſening Medicaments.

185. *Lithontriptica*, are ſuch things as break, diſſolve, and bring away the ſtone.

186. *Lohoch*, is a pectoral Medicament, the ſame with *Eclegma*, at Sect. 100.

187. *Lotion*, is a Bath, Waſh, or Water, prepared to cleanſe ſomething withal.

188. *Lutum Sapientiæ*, is a paſte, with which the necks of Retorts are luted to their Receivers.

189. *Lima*, is a File or Raſp, to reduce or bring Metals and other hard bodies to a pouder.

190. *Lachryma*, is a humor coming from Plants, whether it turn to Oyl, Roſin, or Gum.

191. *Lanugois*, Down-like Hairs or Wooll, on the skin of a Plant, as on Mullein.

192. *Loculamenta*, cods, husks, or filaments which hold the Seeds.

193. *Lapis Vegetabilis*, a ſalt Medicine, being a Tincture and Oyl boyled hard as a Stone.

194. *Liquor*, any moiſt thing, but eſpecially that *per deliquium* or dropping.

195. *Ligature*, is the bandage or binding, with which any thing is tyed up.

196. *Lozenges*, the ſame with Tablets, being the form of a Medicine made up.

197. *Luxation*, is when one joynt is looſned from another.

198. *Lambative*, or *Lohoch*, is a medicine to be ſuck't from a Liquorice ſtick, deſigned for the Lungs.

199. *Lixivium*, is water wherein alcalious Salts have been diſſolved.

200. *Livid*, is that which is black and blew, or Lead-coloured.

201. *Laxatives*, are ſuch Medicaments as make the Belly Looſe.

202. *Malgama*, is a Cataplaſm or Pultiſe.

203. *Matratium*, a Matraſs, or Bolt-head.

204. *Manica Hippocratis*, Hippocrates his ſleeve, being a ſquare bag made of Flannel, to ſtrain through.

205. *Maceration*, is the ſteeping or digeſting of a Me-

Medicine in a proper Liquor.

206. *Magiſterium*, is a pouder made by ſolution and præcipitation, as Magiſtery of Harts-horn, or Coral: or a Roſin or Extract, as of Scamony, Jallop, *&c.*

207. *Maſticatorium*, is a Medicine which draws away Rheum to the mouth by chewing.

208. *Menſtruum*, is a Liquor either to draw forth Tinctures, or diſſolve Metals.

209. *Minera*, Oar, the Earthy part of the matter of which Minerals, chiefly metals are made.

210. *Muſcus*, Moſs, an Excrement like Down, on Barks of Trees, or on bones unburied, called *Uſnea*.

211. *Martius panis, Paſta Regia*, March-pane, or Cakes of Sweet Almonds and Sugar, an equal, double, or three-fold quantity, with Roſe water.

212. *Maſſa*, is a maſs or body, whereof Electuaries, Pills, Troches, Emplaſters, *&c.* are made.

213. *Morſuli, Morſelli, Tabulæ*, ſquare Lozenges made of pouders with Sugar upon a Marble.

214. *Moretus*, A potion to ſtrenghen the true conception, and oppoſe the falſe.

215. *Malaxe*, it is ſpoken of Emplaſters when they are brought into a Maſs or Body.

216. *Mennings*, are the films or coats that cover the Brain.

217. *Meſeraick Veins*, are thoſe little Veins, which are thought to carry the Chyle from the Stomach to the Liver.

218. *Membrana*, are skins or coats which cover Veins, Arteries, Glandules, Fleſh, *&c.*

219. *Mortification*, the Gangreen or Dying of any Member, Limb, or part of the Body.

220. *Malign*, venemous, poyſonous, hurtful, dangerous.

221. *Mammillary paſſages or productions*, certain little knobs bunching out of the Nerves, which ſerve for ſmelling, reſembling Teats, cal-

called therefore Teat-like productions.

222. *Mesentery*, the skin which knits the Guts together, and runs all along among them, embossed with fat.

223. *Morbifick matter*, the matter which makes or creates, or is the principal cause of the Disease.

224. *Nasale*, is a Medicine causing sneezing.

225. *Nascale*, is a pessary made to be put up into the Womb.

226. *Nucleus*, a kernel in Nuts or Fruits.

227. *Nutriment*, that part of out food which is converted into Chyle, and by which we are nourished.

228. *Narcotick*, a Medicament which stupifies the Senses, and dulls the faculty of feeling, causing sleep.

229. *Natural Functions*, the Actions of the Stomach, Liver, Spleen, Galls, Kidneys, in concocting the meat, making Blood, separating & expelling Excrements, *&c.*

230 *Nidorus*, smelling of burnt fat, or scorched roast-meat, or fryed Oyl.

231. *Nausiosis of the V...* when the Veins are sick... ad Blood, and do as it ... spew it out into the habit ... the body, from whence ... es Scurvy spots, Scabs, ... phew, *&c.*

232. *Poetericks*, late writers in Physick, or any other Art, so called in opposition to Ancient Authors.

233. *Olla*, is a certain Earthen Vessel or Gally Pot.

234. *Opiatum*, is a Confection made with Opium, or some other cold thing, to ease pain and cause rest.

235. *Oxyrrhodinum*, is made of Vinegar and Roses, or Oyl of Roses to ease pain: thus, ℞ *Olei Rosarum* ℥ij. *Olei papaveris*, *Aceti*, *ana* ℥j. *misce*. It is applyed commonly to the head, forehead and neck.

236. *Oculi*, The forerunners of Flowers or Buds, which are to open into Leaves or Flowers.

237. *Ossa*, commonly signifies Bones; but is also used for Nut-shells and Date-stones.

238. *Odoramenta*, Scents of themselves, or burnt, having divers forms: those with-

without burning are Pouders, Bags, Balſams, Maſſes, Pomambers: thoſe that give their ſcent by burning or melting are Pouders, Troches Gums, Candles, Sticks, Maſſes.

239. *Os Sacrum*, the great Bone of the Hips, whereon the Ridge-bone reſteth.

240. *Opiſthotonos*, a Convulſion ſo named, when the body is drawn backwards.

241. *Orifice*, the hole or mouth of any wound or veſſel, as of the Stomach, Womb, *&c.*

242. *Ophthalmy*, an Inflamation of the Eyes, cauſing ſoreneſs and redneſs.

243. *Os criboſum*, the bony ſieve, placed above the Noſe, through which Snivel and Snot is drained from the Brain.

244. *Oxycrate*, a mixture made of Vinegar and Water.

245. *Organick Diſeaſes*, are ſuch as are proper to the Organs and Inſtruments of the body, *viz.* whatever hurts their Fabrick; *Common Diſeaſes*, are ſuch as affect both the Similar and Organick parts, to wit, Solution of Unity: *Similar Diſeaſes*, are ſuch as happen to the ſubſtance of the body, not conſidered as formed into any Organ or part.

246. *Peſſi*, are Peſſaries to be put up into the Matrix or Womb.

247. *Phlegma*, is one of the four humours; alſo a waterish diſtilled Liquor, different from the Spirit.

248. *Paregorick*, is a gentle warming & Anodyne Medicament.

249. *Philtrum*, is a Medicine propoſed to create, cauſe or draw Love.

250. *Polycreſtum*, is a medicament, many wayes ſtrengthning, or of many Virtues.

251. *Pſilathron*, is a medicine taking away hair, ſo as it may never come again.

252. *Phiola*, is a Glaſs, Vial, ſingle, double, or a kind of Matraſs or bolt-head.

253. *Porphyrites*, is a Marble-ſtone to grind Pouders and Colors upon.

254. *Poſca*, a Potion or Laver made of Vinegar and Water mixed together.

255. *Pre-*

255. *Prelum* is a Preſs, uſed in Expreſſing of Juices, and making Oyls by Expreſſion, as oyls of Nutmegs.

256. *Præcipitation*, is a Calcination by corroſive ſpirits made either by Evaporation; or elſe caſting on oyl of Tartar, or a good quantity of water.

257. *Putrefaction*, is the reſolution of a mixt body into it ſelf by a gentle heat.

258. *Pinguedo*, *Adeps*, fat; but it is generally taken for all ſorts of greaſe and ſuet.

259. *Pulpa*, pulp, alſo the fleſh of Apples, Pears, Cherries, Plums, Quinces, Peaches.

260. *Pandaleum*, an inward Medicine made of pouders and Sugar melted, and caſt in a mould in form of a Lozenge.

261. *Phœnigmus*, a thing to make the Skin red, but gentler than a *Synapiſm*.

262. *Pineatum* or *Pineolatum*, a thing made of Pine-nuts, Sugar and Roſewater; as Marchpane of Amonds.

263. *Putrifying*, is only an act of digeſtion, whereby the mixt body may be reſolved.

264. *Purifying*, is to ſeparate from droſs, by Waſhing, Clariſying, Filtring, Digeſting.

265. *Prepared*, in Shops, it is a hard body reduced into fine pouder, by adding ſome Cordial water.

266. *Pyxis*, a Box made to hold Medicines ſimple or prepared, chiefly Pills, Oyntments.

267. *Prognoſis*, is the foreknowledge of a Diſeaſe.

268. *Plethora*, is too great fullneſs of Blood in the Body.

269. *Peripneumonia* is an Inflamation of the Lungs or Lights.

270. *Pericranium*, the Skin which encompaſſes the Skull.

271. *Pugil*, ſuch a quantity of any thing as may be taken up between the Thumb and 3 Fingers.

272. *Pores*, Little holes (inviſible) in the Skin, through which Vapors and Sweat comes out; ſometimes they are as it were viſible on the Neck, Arms, Thighs and Legs, ſo made by cold, reſembling a Gooſe skin for roughneſs.

273. *Pe-*

273. *Peritonæum*, the inner Coat of the Belly, which covers the Inteſtines or Guts.

274. *Pulſation*, the beating of the Arteries in any part of the Body.

275. *Pupil of the Eye*, is the middle moſt round Circle, called, the ſight of the Eye, and which in Cats is ſeen to widen and contract it ſelf.

276. *Paroxiſm*, the fit of an Ague, of the Mother, of an Epilepſy, or of any Diſeaſe which comes by fits.

277. *Periſtaltick Motion*, it is that worm-like motion of the Gutts wherein they contract and ſqueeze themſelves together above the Excrements, to ſqueze or thruſt them out.

278. *Pubes*, the hairy parts above the Privities in Men or Women.

279. *Perinæum*, the ſpace which runs between the Privities and Fundament.

280. *Procatarctick Cauſe*, is the Primary, firſt or remote Cauſe of a Diſeaſe.

281. *Proximate cauſe*, is the laſt, conjoyned, or nearſt cauſe of a Diſeaſe.

282. *Perſpiration*, is a breathing of humors or ſweat through the Pores of the skin.

283. *Palliative cure*, is when a Diſeaſe is not taken away, but only mitigated and made more mild, ſo that the Patient may have as much Eaſe as is poſſible.

284. *Quinteſſence*, is a Conjunction of Salt, Oyl, and Spirit, freed from all Corruption.

285. *Quittor*, it is the Putrefaction, corruption, or matter of a wound or ulcer made by Digeſtion.

286. *Retorts*, are Veſſels ſo called, to diſtill in a naked fire with, and are made of Earth or Glaſs.

287. *Recipient*, is a Receiver, which is joyned or luted to the neck of a Retort or Stillatory.

288. *Reverberation*, is a burning into a Calx, by a reflexive flame.

289. *Rectification*, is a ſeparating of flegm from ſpirit or ſpirit from flegm: or the Exaltation of any Liquor by reiterated Diſtillations.

290. *Rob* or *Sapa*, is Quiddony, or the juyces of Fruits thickned by boyling with Sugar.

291. *Rotula*, are juyces or pouders made into round Tablets or rouls with diſſolved Sugar.

292. *Radix*, is the Root of any thing: alſo the loweſt part of a Plant fix'd in the earth.

293. *Reſina*, is Roſin, a congealed drop from Reſinous Trees; alſo a Gummy Magiſtery.

294. *Raſping*, is to ſhave or ſcrape a thing with a knife file, raſp, or glaſs.

295. *Repletion*, is an overmuch fulneſs of Blood or humors.

296. *Revulſion*, is the drawing back of humors or blood from the part affected.

297. *Repelling*, is the driving back of humors or blood from the part affected.

298. *Radical moiſture*, the principal juyce of the body, which nouriſhes and preſervs the natural heat; as oyl in a Lamp preſervs and feeds the flame.

299. *Retentive Faculty*, the Vertue that retains the food in the Body its due time to nouriſh it.

300. *Rough Artery* or *Aſpera Arteria*, the Windpipe which is rough on the outſide with griſly Rings.

301. *Reſolvers*, are ſuch Medicines, as looſen and ſcatter evil humours.

302. *Repercuſſives*, are ſuch things as drive back the humors from the part affected.

303. *Sal* or *Salt*, is the laſt part of a Medicine extracted out of the Aſhes, which fire cannot deſtroy.

304. *Sapa*, is a wine thickned by boiling to a third part.

305. *Sparadrapis*, is a Cerecloth, or a cloth dipp'd in melted Plaſter.

306. *Spiritus*, is a diſtilled liquor from a fermented matter; or from dryed ingredients macerated in ſpirit of wine.

307. *Sternutatoria*, are ſneezing Medicines, to be ſnuffed up the noſe.

308. *Sublimation*, is the raiſing of a ſubtil pouder or flowers to the top of the Veſſel by heat.

309. *Stratum ſuper ſtratum*, is lay upon lay by courſe.

310.

310. *Suffumigation*, is a Perfume made, by burning things Aromatical or otherwise.

311. *Sinapiſme*, is a kind of outward application made of Muſtard ſeed to draw the Skin red.

312. *Summities*, are the Tops or Umbles of any Herb or Plant.

313. *Syſtole*, and *Diaſtole*, they are the double motion of the Pulſe: when the Arteries are extended by the blood iſſuing out of the Heart, whereby they ſtraight the fingers of him that feels, this motion is called *Diaſtole*: but when the Artery falls, contracts its ſelf, or ſinks from under the Fingers, this motion is called *Syſtole*.

314. *Separation*, is the dividing of things Hetrogeneous: chiefly uſed to ſeparate Oyl from Water; it is done by a Glaſs Funnel, having a very narrow Otifice in the bottom.

315. *Sacculus*, is a Sack or Bag, ſometimes it ſignifies a Quilt of Aromaticks.

316. *Separatorium*, the Separating Funnel, commonly of Glaſs.

317. *Setaceum*, is a Hair Sieve for the making of Pouders. Alſo the *Seton* in the Neck.

318. *Spatula*, a thing to ſtir, or ſpread Oyntments, Plaiſters, *&c.*

319. *Seal Hermetick*, is to ſhut up the mouth of a Glaſs by Fire.

320. *Stratifying*, is to lay *ſtratum ſuper ſtratum*, layer upon layer.

321. *Saponea*, is a Linctus made of ſweet Almonds.

322. *Sief*, is properly a dry Collyrium or Medicine for Sore eyes.

323. *Smegma odoratum*, ſweet Venice Soap, mixed with ſweet pouders and Roſe-water.

324. *Species*, in Shops are pouders for compound Electuaries, Morſels, Pills, *&c.*

325. *Suppoſitorium*, is a ſolid Medicine, round and pointed, of about a Fingers length, to be put up the Fundament.

326. *Sudorifick*, is a Medicine which cauſeth Sweat.

327. *Scarrification* is the cutting of the Skin that it may bleed into a Cupping-Glaſs.

328. *Spiritus acouſticos*, that Spirit in the Brain which gives the Senſe of Hearing.

329. *Sternon*, the Breaſt Bone or Griſtle hanging over the Navel.

330. *Sphincters*, the Muſcles which ſhut the Mouth, Bladder and Anus.

331. *Stupifying*, that which benumbs or takes away the ſenſe of feeling as Narcoticks.

332. *Sympathy*, a hurt or help by conſent of other parts or things.

333. *Spinal marrow*, the Marrow of the Back-bone.

334. *Sutures*, the Seams of the head, where the parts of the Skull are joyned together.

335. *Saphena*, a Vein of the Leg or Foot, commonly opened in Women.

336. *Sal prunellæ*, Salt-Peter or Niter purified with Brimſtone.

337. *Sphacelus*, when the Fleſh and Bone of any part are perfectly dead.

338. *Suppuration*, when the matter of an Apoſtem is brought to ripeneſs.

339. *Solution of Continuity* or *Unity*, is all ſorts of Wounds and Ulcers.

340. *Sediment*, the ſetlings and dregs of Urine, or of any other Liquor.

341. *Sincere Excrements*, ſuch as are voided without the mixture of any other thing.

342. *Suffuſion*, a ſhedding abroad of humors, principally in the eye.

343. *Seton*, is an hole made in the Skin, and a Skein of Silk drawn through and kept in.

344. *Specifick quality*, is a peculiar hidden property, not ſpringing from the firſt qualities.

345. *Tartarum*, is the Lees of Wine, ſome call it Argall.

346. *Tinctura*, is the Sulphur and Spirit of a Medicine, extracted with a proper Menſtruum.

347. *Tragea*, *Tragema*, is a pouder of ſimple Spices and Sugar.

348. *Traumatica*, are ſuch inward Vulneraries as help the Conſolidation of Wounds.

349. *Tabulæ*, ſquare kind of Lozenges: ſee *Morſuli*, ſect. 211.

350. *Tro-*

350. *Troches*, are made of Species or Powders with Gum Tragacanth; and if to last longer into Balls; as *Trochisci sublinguare*, Troches to be held under the Tongue, to dissolve and fall from the Throat upon the Lungs.

351. *Torrify*, is to roast or stir a Medicine in an Iron pan at the fire, till it is parched, as Rhubarb.

352. *Tegula*, a Tile, or square Marble Stone in form of a Tile.

353. *Torcular*, a Press, the same with *Prelum* at Sect. 253.

354. *Tritorium*, a separating Funnel made of Glass.

355. *Turiones*, the tender tops of Trees which grow every year.

356. *Testa*, it is an Eggshell.

357. *Transpiration*, the passage of Vapours and Sweat through the Pores of the Skin.

358. *Trepan* and *Trefine*, Instruments of Chirurgery to bore a hole in the Skull.

359. *Tunicles*, little coats or skins, of which the eye, and several other parts are constituted.

360. *Topicks* or *Topical Medicines*, are such as are only applied outwardly.

361. *Tunica retiformis*, the Net-like coat or Tunicle.

362. *Thorax*, the middle Ventricle or Chest.

363. *Tartarous matter*, something which is congealed like hardned Lees of Wine.

364. *Vesicans*, is a Topick Medicine, which Plaster wise raises Blisters; it is the mildest Pyrotick.

365. *Vitrification*, is the bringing of a Calcined matter into Glass.

366. *Volatile*, is a Medicine which flies away in the Fire, or from heat.

367. *Viscum*, is Bird-lime or Misleto, always green.

368. *Vulnerarium*, an External Wound Medicine.

369. *Uretica*, are the same with Diureticks or such as provoke Urine.

370. *Villi*, are the Veins or Fibres of an Herb or Plant.

371. *Umbellæ*, Tops or Umbles in Plants, like Birds-Nests.

372. *Usnea*, Moss on Trees

or Boughs, but more properly Moss on Bones or Skulls.

373. *Vinum Medicatum*, Infusions made in Wine.

374. *Unguentum*, a fat Topick Medicine, harder than a Balsam, softer than a Plaster.

375. *Volatilize*, is to make thing Volatile or fly away.

376. *Vertebræ*, the turning bones of the whole Back, through which the Marrow runs.

377. *Ventricles of the Brain*, the hollownesses of the Skull where the Brain lies.

378. *Vital Faculty*, the life of the heart, which causes breathing and beating of the Pulse.

379. *Visive Nerves*, Optick Nerves; The Nerves or Sinews, by which the Objects of Sight are carried into the Brain, to the Imagination or Common Sense.

380. *Visive Spirits*, those Spirits in the Optick Nerves and Brain by which we see.

381. *Vitrious humor*, a moisture like melted Glass, which helps to constitute the Eye.

382. *Uvea Tunica*, a Coat of the Eye, resembling the Skin of a Grape, whence it is named.

383. *Voluntary faculty*, that power of our bodies, by which we do as we please, as speak, run, go, write, *&c.* *involuntary*, is that which we cannot help, as beating of the Pulse, digestion in the Stomach, *&c.*

384. *Uvula*, *columna*, that part near the Throat, commonly called the Pallat of the mouth.

385. *Vehiculum* or *Vehicle*, a body serving to convey a Medicine in, down the Throat.

386. *Vermicular Pulse*, that which is Worm-like; it is so called when it is weak, and lifts up it self unequally, sometimes more, sometimes less, like the creeping of a Catterpillar.

387. *Ureters*, certain long Pipes or Passages, which bring the Urine from the Reins to the Bladder.

388. *Viscous*, that which is glutinous, clammy, and roa-

roaping like Bird-Lime.

389. *Venery*, Lechery, or the immoderate desire or exercise of Libidinous acts.

390. *Watery humor*, a certain Liquor or Juyce going to the Constitution of the Eye.

391. *Xenethon*, is an Amulet to hang about the Neck to preserve from Diseases, and also to cure them.

Libri Primi FINIS.

Doron Medicum.

A SUPPLEMENT TO THE New *London Diſpenſatory.*

LIBER SECUNDUS.

CHAP. I.

Of WATERS *Diſtilled.*

1. *Aqua Antepilcptica Maxii*; A water againſt the Falling ſickneſs.

℞ *Juyces of Black Cherries, of Tile flowers, of Lavender, of Roſemary, of Male Peony, leaves and roots, of Lilly Convallies, A.* ℔ *ſs: Miſſleto of the Oak, M.j. Vinegar of Squills,* ℔*i. Caſtoreum* ℥*ij live Swallows N°xij; digeſt in B.M. in a Glaſs Alembick, with a very gentle heat for iij dayes; then with a moderate fire diſtil to dryneſs; to the water add the ſalt of the faces, alſo* ℥*ſs of Salt of mans-skull:*

The Title ſhews the Virtues, beſides which it is a moſt incomperable thing againſt moſt other Diſeaſes of the Brain and Eyes, chiefly Blindneſs. Doſe *ab* ℥*j ad ij.*

2. *Aqua florum Cyani*, Waters of blew bottle Flowers.

℞ *Flowers of Blew-bottles with their Cups: bruiſe them, and digeſt two days in Snow-*

Snow-water, then diſtil in B.M.

It is ſaid to be a wonderful Water for the Eyes and their Diſeaſes, as Inflamations, Soreneſs, Dimneſs, and the like: it preſerves the Sight, and therefore is ſpecial good for old people: drop it into the Eyes Morning, Noon and Night.

3. *Aqua Cardiaca*, The Cordial-Water.

℞ *Angelica, p.* ij. *Bawm, Cardum, A. p.* j. *bruiſe all and digeſt* 16 *days in Horſe-dung, then diſtil in an Alembick or Common Still: to the diſtilled Water add the Salt of the faces, it augments the Virtues and preſerves it.*

It is cordial, opens, and attenuates; and is to be uſed as a Vehicle for other things eſpecially in thoſe Diſeaſes, for which theſe herbs are proper, as Meaſles, Small-Pox, all malign and peſtilential Feavers, and where ſweating is required.

4. *Aqua Papaveris*, Poppy-water.

℞ *Green Popies as many as you pleaſe, diſtil them as before: you may make the Waters both from Flowers and Herbs.*

It is a good Vehicle to convey both Anodyns and Sudorificks in, giving from ℥j *ad* ij or ℥iij at a time; as alſo ſuch things as ſtop Vomitings, and Coughs, and abate Feavers.

5. *Aqua Hedyoſmi*, Mint-Water.

℞ *Mint a ſufficient quantity, and diſtil it, as at ſect.* 3. *above.*

It is a good Vehicle to convey all pectorals in, as alſo ſuch things as ſtrengthen the Stomach, and ſtop Vomiting.

6. *Aqua Roſarum Damaſcenarum*, Damask Roſe-water.

℞ *Damask Roſes a ſufficient quantity without bruiſing; diſtil in a common ſtill. Or being condited with Salt, diſtil in an Alembick with its refrigeratory; ſee lib.* 1. *cap.* 23. *ſect.* 36, 37, *&c.*

It is cordial, and a good Vehicle, to convey any Cephalick Medicine in, againſt the Head-ach, Megrim, Vertigo, Epilepſy, or ſuch like.

7. *Aqua de ſtercore Bovis*, All-

All Flower-Water, or Water Ox-dung Compound.

℞ *Ox-dung, Sperm of Frogs, A. mix and distil in a Glass Alembick, in* B.M. *to dryness.*

It is good to ease pain of the Gout, Linnen Cloths being dipt therein, and often applyed to the part.

8. *Aqua Scorbutica Composita,* A Compound Scorbutick Water.

℞ *Roots of Horse Radishes and of Garden Radishes, bruised, A.* ℔ij. *juces of Scurvey-grass, Water-cresses, Brook-lime, Mint, Bawm, Fumitory, Taragon, A.* ℔ss. *mix, macerate them two days; and in* B.M. *distil to dryness, impregnating the Water with the salt of the faces.*

It is an excellent thing against the Scurvy in a cold Constitution; opens all Obstructions of the middle and inferior Ventricles: Dose ℥ij or iij. every Morning mixt with juyce of Oranges.

9. *Aqua Regina Hungarica,* The Queen of Hungaries Water.

℞ *Chose Rosemary flowers* ℔vj. *S.V. rectified* ℔ix. *put all into a large Glass Cucurbit with a straight Neck, cover it with its Head, and lute well the Junctures and the Receiver: digest all night, and in a very gentle Sand heat distil. (Let not the heat be so great as to make the Head hot, which you may cover with a Linnen Cloth several times doubled, and dipt in cold Water, and re-diping of it from time to time to hasten the condensation of the Vapors:) continue the distillation; till you have drawn out* ℔vj. *of Spirit, which will be choise, and repleat with the best and Volatile parts of the Flowers, which keep by it self. Then continue the distillation to dryness, keeping the 2 liquors a part, the first of which is much the strongest; the latter may serve for a new distillation.*

This Water (or rather Spirit is admirable against all cold and moist Diseases of the Brain, the Apoplexy, Epilepsy, Vertigo, Carus, Lethargy, Palsy, Diseases of the Nerves, cold Rheumatisms, Gouts, Cramps

Cramps, Convulſions, loſs Memory, Dullneſs, Sleepineſs, Drouſineſs, Deafneſs, Noiſes in the Ears, Dimneſs of the Sight, Coagulation of the Blood, pains of the Head cauſed of Flegm and other cold Humors. It prevails againſt the Tooth-ach, pains and weakneſs of the Stomach, Pleuriſy, want of Appetite, and Digeſtion, Obſtructions of the Liver, Spleen, Bowels and Womb, it preſerves and revives the natural heat, reſtores the Faculties and Functions of the Body, even in old Age; inſomuch (that it is ſaid) That ſcarcely any Remedy produces ſo many good Effects: give it inwardly à ℥j ad ℥ij; in Wine or Cordial Water; you may Bath the Temples therewith; Snuff it up the Noſtrils, *&c.*

10. *Aqua Antiſcorbutica Mynſichti*, Mynſichts Scorbutick Water.

℞ *Horſe Radiſhes cut* ℔j. *roots of Polypody* ℥ij. *of Angelica, of Maſterwort, Zedoary, A.* ℥ſs. *Raſpings of Guajacum, of Saſſafras, Calamus Aromaticus, Galangal the leſs, A.* ℥j. *Cardamoms the leſs, Saffron, Fennel-ſeed, Barks of Tamariſk and of Caper-roots, A.* ℥vj. *cut, bruiſe, and infuſe all in Mallago Wine* ℔vj. *digeſt in a warm place for eight days, ſhaking it once a day; afterwards add Waters of Water-creſſes, of Scurvey-graſs, of the ſmall ſtinging Nettle, of Pile-wort, of Money-wort, of Fumitory, A.* ℔j. *mix, and diſtil in* B.M.

Myſicht commends it as a famous thing againſt the Scurvey; and many have commended it againſt Dropſies, and Gout, and againſt all cold and moiſt Diſeaſes and habits of the Body. Doſe ℥ij.

11. *Aqua Amarici*, vel *Geranij Moſchati*, Water of Sweet-Marjoram or Musked Cranes-bill.

℞ *Sweet-Marjoram, musked Cranes-bill, Bazil, A.* q.s. *draw off the Water, according to Art.*

It corrects the coldneſs of the Brain, in Numbneſs, Palſies, Epilepſies, Convulſions and the like; and is a good Vehicle to convey Cephalick things in for Men; it helps a weak Memory, ſtrengthens the

the Head, and excellently perfumes any thing.

12. *Aqua Anhaltina Schroderi,* The Anhaltine Water from Schroder.

℞ S. V. ℔v. *Turpentine* ℔ſs. *Frankincenſe* ℥j. *Maſtich, Cloves, Anthos, Nuciſta, Cubebs, Cinnamon, A.* ℥vj. *Fennel-ſeeds, Bay-berries, A.* ℥iv. *Xyloaloes in Pouder* ℥iij. *Saffron* ℥ijſs. *Pouder and infuſe or digeſt ſix days: then diſtil in a gentle* B.M. *hanging Musk gr.* xvj. *in the Beak of the Still.*

It heats, drys, diſcuſſes, ſtrengthens the Heart, Stomach and other Bowels, helps againſt Fainting and Swooning fits; it prevails againſt Catarrhs, Cramps, the running Gout, Palſy, Epilepſy, Apoplexy, Megrim, Carus, Lethargy, Trembling, and other Diſeaſes from cold Cauſes, if the parts affected be rubbed well therewith, being moſt uſed outwardly.

13. *Aqua Coſmetica Mynſichti,* The Coſmetick Water of Mynſicht.

℞ *White Frankincenſe, Sugar-candy, A.* ℥ij. *white Hermodacts, Florence Orrice, Venice Borax, A.* ℥j. *Salt of Tartar, burnt Ivory, Camphir, A.* ℥ſs. *Flowers of white Lillys, white Water Lillys, white Garden Mallows, A.* M. iij. *Virgin Honey* ℥iij. *Goats Milk* ℔jv. *Bean-flower-water, white Roſe-water, A.* ℔jſs. *white Lilly-water, Solomons Seal-water, A.* ℔j. *mix, and diſtil in* B.M.

It is a good beautifier, takes away diſcolorings of the Skin by the Jaundice, Freckles, and other ſpots rendring it fair and ſmooth.

14. *Aqua Labdani Compoſita Barbetti,* Water of Labdanum.

℞ *Labdanum* ℥iij. *Oyl of white Lillies* ℥j. *Cummin-ſeeds, roots of Parſley, of Radiſhes, Storax Calamita, and Liquid, red Myrrh, A.* ℥v. *Roman Nettle Seed* ℥iv. *Euphorbium, Cantharides, A.* ℥j. *Southernwood, Maidenhair, Mallows, Marjoram, A.* M. j. *Fountain Water* ℔vj. *infuſe two days and nights, then diſtil in* B.M.

It was invented againſt ſhedding of the Hair and Baldneſs; and is a good Vehiculum

hiculum to give thoſe things in, which provoke the Terms: if the fæces be diſtilled in a Circulary Fire, you will have a Balſam of great force in all cold Diſeaſes.

15. *Aqua Cinnamomi Maxij*, Cinnamon-water.

℞ *Cinnamon elect, only bruiſed* ℥jv. *Bay Salt* ℥ij. *Rheniſh Wine or Sack,* ℥xxx. *digeſt ſome days; then put it into a Glaſs or Stone Cucurbit, place it in Sand, with a Glaſs-head and Receiver, and diſtil, ſo will you have a delicate clear Water, and very ſpirituous, which from time to time you muſt receive, and put out of your Receiver, that it might not be mingled with the groſs Flegm, which will aſcend at laſt of a whitiſh colour.*

§ 1. Now here is to be noted, That the Bay Salt is put into the Wine, that it might the more powerfully open the Body of the Cinnamon, for it communicates to the Water no peculiar Vertues. § 2. That this Water is only the ſpirituous part of the Wine, impregnated with the Volatile and Aromatick Salt of Cinnamon. § 3. That you ought not to diſtil in a Cucurbit of Glazed Earth, leſt the ſharpneſs of the Cinnamon ſhould ſo acuate the S. V. as to make it to corrode the Lead, and thereby alter the Vertues of the Water, by impregnating it with thoſe of Saturn. § 4. It is an excellent Cordial and Stomatick, revives the Spirits, ſtrengthens the whole Body, and facilitates the Delivery of Women in Child-bed. § 5. The more flegmatick part of this Water may be of uſe to make Syrup of Cinnamon withal, and indeed much more fit than common Water, becauſe it contains ſome ſmall matter of the S. V. in it, and alſo of the Volatile Salt of the Cinnamon, and ſo is fitter to open, penetrate and extract the Vertues of freſh Cinnamon, than other common Water. § 6. The Syrup is made by infuſing new Cinnamon herein, then ſtraining, and diſſolving in it a ſufficient quantity of Sugar, and ſo making it into a Syrup according to Art.

10. *Aqua Fortis Paracelſi*, The

The Silver dissolvent of *Paracelsus*.

℞ *Sal Niter, Vitriol, Alum, ana. the which distil into A.F. put this water again upon its faces, and again distil it in a Glass; This is for the purification and dissolution of Silver; if you dissolve Sal Armoniack therein, it is for the dissolution of Gold.*

§ 1. Take a Metal reduced into Leaves, and resolve it by these Waters into Water, then separate it by B.M. pour it on again, repeat this so often till there be found an Oyl at the bottom, *viz.* of *Sol* or Gold, a spadicious or light red colour: Of *Luna* or Silver, an Azure: Of *Mars* a red and very obscure: Of *Mercury*, a white: Of *Saturn*, a livid wan, and leady: Of *Venus*, an absolute Green: Of *Jupiter*, a yellow colour. § 2. But yet note, That not all the Metals are thus reduced into Oyl, but such as have been afore prepared: as for example, *Mercury* is to be sublimed: *Saturn*, to be calcined: *Jupiter*, to be reverberated, or sublimed: *Mars*, to be reduced to a Crocus: *Venus*, to be reduced into Flowers. As for *Sol* and *Luna*, they will easily submit themselves. § 3. The Metals being on this Wise reduced into a Liquid Substance; add afterwards to one part of this Oyl, two parts of new or fresh *Aqua fortis*, and being well shut in together in the best Glass, set it in Horse-dung for a month, then distil it wholly off with a gentle Fire, that the matter may be coagulated in the bottom; so if the *Aq. fortis* be distill'd in *B.M.* then you will find two Elements together; but all the Metals will not leave the same Element behind: for *Sol* in *Balneo* leaves Earth and Water behind: *Luna* in *B.* the Elements of the Earth and Fire: *Mercury*, leaves the Fire behind, and the Earth and Water are Elevated: *Venus*, leaves the Fire behind; and in a *Balneo*, the Earth and Water abides: *Saturn*, leaves the Element of the Earth behind; and in a *Balneo* the Fire and Water are to be had: *Jupiter*, leaves the Air behind, and the Fire, Water, and Earth, are elevated

ted therefrom. § 4. 'Tis therefore to be observed, That the Air affords a Body in *Jupiter*, and in no other Metal whatsoever, of the which although some part does also ascend together, and remains inseparably mixt with the other 3 Elements, yet notwithstanding that, Air is not corporeal, but is adherent, and concurrent with the others, and is inseparable from them. § 5. Note also, That the remainder which is the Corporeal Element, and remained in the bottom must be reduced in a *Balneo* into an Oyl, with fresh *Aqua fortis*, so will this Element be perfected, which keep for one part. § 6. The rest separate thus: put them in Sand, and urge them gently; so first the Water will come forth, then the Fire, which you will know by the color. If the Earth and Water should have remained, the Water will ascend first, then the Earth. But if the Earth and Fire remained, then the Earth is elevated first, then the Fire. If the VVater, Fire and Earth should be together, the VVater will ascend first, the Fire next, and lastly the Earth. § 7. You are also to know thus much, that the corrosive nature of the *Aqua fortis*, is to be extracted, as we have described it in the Quintessences. *Paracelsi Archidoxy, lib. 2. de separatione Elementorum.*

17. *Aqua spiritus, & Oleum Nicotiana*, Water, Spirit, and Oyl of Tobacco.

℞ *Of the best Spanish Tobacco cut small* ℥viij. *Phlegm of Vitriol as much, then put them into a Glass Matrass, which cover with its Head: digest in Sand for a day, fit to it a Receiver, and with a soft and small Fire, draw off about five ounces of Liquor, which keep in a Viol by it self; What remains, put into an Earthen Retort, or a Glass one Luted, place it in a Furnace, and fit to it a large Receiver, luting close the Juncture, begin with a small Fire so will the Flegm come first: augment it by little and little, and the Spirits will come forth confusedly with a black Oyl; continue the Fire till no more comes; let the Vessels*

cool

cool, and unlute them; ſeparate the Oyl from the Spirit, according to Art. Or, you may caſt all that is in the Recipient, into a filter of brown Paper placed in a Glaß Funnel, ſo will the watery and ſpirituous paß through, while the black and fœtid Oyl remains behind. Out of the Caput Mortuum *a fixt Alkalious Salt may be drawn by Elixiviation, &c. but it will be ſmall in quantity, ſcarcely* ℥j. *out of the* ℥viij. *of Tobacco.*

§ 1. The firſt Water kept a part in a Viol is a powerful Emetick, and may be given a ℥ij ad ℥vj. in ſome convenient Vehicle: outwardly, it kills the Itch, Tettars, and Ring-worms, being gently rubbed with it. § 2. The Spirit is of the ſame Virtue, but ought to be given in a much ſmaller Doſe. § 3. The black fœtid Oyl is ſo great an Emetick, that ones Noſe being held over a little Viol of it would cauſe Vomiting, ℥ſs of it may be mixt with ℥j of Hogs Lard to anoint with againſt Itch, Tettars, *&c. Lemery* ſaith, That he made a ſmall Inciſion in the Skin of a Dogs Thigh, and thruſting in a ſmall Tent dipt in this Oyl, the Dog immediately purged both upwards and downwards, with much Violence. § 4. The fixt Salt is Sudorifick, and may be given à gr. iv. ad x. in a proper Vehicle.

§ 18. *Aqua Hermetica Hermetis Augenij*, Augenius his Hermetick water.

℞ *Quick-ſilver* ℥iij. *Fountain water* ℔ *iij. mix them in a Matraſs, with a very ſtrait or narrow Oriſice, then Seal it up very cloſe with Hermes Seal or otherwiſe: digeſt in Horſe-dung for* 8 *days, then take out the matraſs; and the water diligently extract by Filtration, taking heed that no portion of the Quickſilver may paß through, the Quick-ſilver keep for other uſes; but let the water be filtred again and kept for uſe.*

It is given to Children for the Worms, which it kills and deſtroys effectually. Doſe ab ℥j ſs. *ad* ℥iij. in Summer time it may be given

ven cold; in cold Seaſons, warm.

19. *Aqua Cephalica Reineſij*, The Head-water of Reineſius.

℞ *Flowers of Lillies of the Vally, M. iiij. of Sage, Arabian Stechas, A. M. j. Flowers of Borrage, Clove-gilliflowers, A. M ß. Bawm, M. jß. Infuſe all in S. V.* ℔iv. *ſpirit of Juniper* ℔ij *ſpirit of black Cherries* ℔j. *for fourteen days: then expreſs and ſtrain: in the ſtrained liquor infuſe Caſtoreum* ℥j. *Species Diambræ, Diamoſchu, pleres archonticon, A.* ℥ij. *Nutmegs* ℥iij. *the true Coſtus* ℥vi. *macerate for a Month, then diſtil in Aſhes.*

It prevails againſt almoſt all internal cold Diſeaſes of the Head; as Carus, Coma, Lethargy, Apoplexy, Epilepſy, Convulſions, Palſies and Head-achs, proceeding from cold. Doſe ab ℥ſs ad ℥iſs or ℥ii. Morning and Night: upon any illneſs of the Stomach, it may be taken any time of the day.

20. *Aqua Benedicta Serpilli Mynſichii*, Mynſichts Bleſſed Water of Time.

℞ *Mother of time when it is in flower, gathred early in the Morning, before the riſing of the Sun, and in the decreaſe of the Moon* ℥viii. *Roman Camomil* ℥ij. *Savory, Garden-time, A* ℥i. *infuſe all in the beſt Rheniſh Wine* ℔viii. *digeſt for ſome days: after let them be diſtilled: in the liquor diſtilled, again infuſe Mother of Time in the flowering* ℥viii. *Caſſia Lignea* ℥j. *Wood of Aloes: Mace, of each* ℥ſs. *let the particulars be cut very ſmall and gently bruiſed: digeſted, and at laſt diſtilled by an Alembick in B. M.*

In all Catarrhs and Defluxions of Rhume it is an admirable thing, and is very profitable againſt moſt cold and moiſt Diſeaſes of the Head. It Corroborates the Brain, Ventricle, and warms all the Inteſtines too much cooled: It excites an appetite, provokes Urine, expels the Stone, and gives eaſe in the moſt vehement pains of the Chollick. It diſſipates Wind in the Bowels and Hypochonders and gives eaſe in the moſt exquiſite Torments.

It ſtops Vomiting, provokes the Terms, haſtens and facilitates the Birth and After-birth: and caſts forth the Dead Child. It diſſolves coagulated Blood; and is a good thing in old Age for ſuch as are troubled with ſhortneſs of Breath, difficulty of Breathing; ſtraightneſs of the paſſages, &c. Doſe ab ℥ſs ad ℥j or ij. *Mynſicht* made his *Sal Tartari Emeticum* in *cap.* 10. *ſect.* 7. of this Book for the moſt part with this Water.

21. *Aqua Antepileptica Untzeri*, The Antepileptick Water of Untzer.

℞ *the beſt Hungarian Vitriol, calcin'd and beaten into pouder* ℔iij. *filings of Mans ſkull kill'd by a violent death; Elks hoof, viſcus quercinus, Peony-ſeeds, gathered in a good time, A.* ℥ii. *put all theſe being bruiſed into a ſtrong Retort well luted; affuſe ſo much* S.V. *as may imbibe the matter, ſo as to make a Maſs. Then affix a Recipient very large, whoſe joynt cloſe well: diſtil, firſt with a gentle fire, afterwards increaſe it by degrees to the height, till no more ſpirits will come over. The diſtilled Liquor diligently rectify in* B.M. *and weigh how much you have got; to every pound of which add recent Caſtoreum, ſpecies Diambræ, A.* ℥ſs. *Venice Treacle* ℥iv. *all being confuſed and groſsly mixed, put them into a Glaſs Cucurbit, and in* B.M. *diſtil a ſpirit, which ſhall have colour or Tincture of the infuſed things. To this ſpirit add ſalt of Peony* ℥ii. *Volatile ſalt of Amber* ℥iſs. *Liquor of Coral and Pearls, A.* ℥ii. *Oyl of white Amber rectified* ℥i. *Oyl of Sage* ℥ii. *Oyl of Angelica* ℥ſs. *mix them, digeſt all for a Month in a Viol Hermetically ſealed, ſo long till they are well united, then reſerve the whole for uſe.*

The Title ſhews the Intention, for which it is a moſt excellent thing, and indeed againſt all cold, moiſt, and drouſy Diſeaſes of the Head and Nerves: the Doſe one ſpoonful in the fit in Peony-water, and after to be continued for nine days: one ſpoonful is ſaid to be the

the largeſt Doſe.

22. *Aqua Antepileptica Hirundinum Vulgaris*, The Common Antepileptick Water of Swallows, from *Horſtius.*

℞ *Swallows cleanſed parts* x. *Flowers of Lilly Convally parts* iij. *Flowers of Bugloſs, Borrage, Lavender*, A. *part* j. *Cloves, Mace, Cinnamon, Cubebs*, A. ℥j. *boyl them in thin Wine, then diſtil, adding the Salt of the Faces.*

'Tis an approved thing againſt the Falling Sickneſs, whether in old or young: but it is moſt commonly given to Children, *ab* ℥ſs. *ad* ℥j. as Age requires: let it be given for a Month together, and afterwards every New and Change of the Moon: If *Anacardiums* ℥j. be added, the *Recipe* will be never the worſe.

23. *Aqua Errhina Reineſij*, Reineſius his Liquid Errhines.

℞ *Roots of the wild Cucumer, of Pellitory of Spain*, A. ℥iij. *of Lilly Convally, of Ireos or Orrice, ſeeds of Nigella*, A. ℥i. *white Hellebor* ℥iſs. *Caſtor* ℥j. *Mace* ℥ſs. *diſtilled waters of Pimpernel of Tobacco*, A. ℥iij. *of Marjoram, of Penny-royal*, A. ℥iſs. *ſpirit of Wine* ℥j. *mix, digeſt, expreſs and filter; adding at laſt, if you ſo pleaſe a little Muſk.*

It is an admirable thing to purge the Head, being drawn up the Noſtrils, for it evacuates it of a great quantity of thin, cold, and pituitous humors.

24. *Aqua Febrifuga* Mynſichti, *Mynſicht* his Water againſt Feavers.

℞ *the febrifuge ſpecies of* Mynſicht (*which ſee in our* Pharmacopœia) *Centory the leſs, Carduus Benedictus, Cinkfoil, Wormwood, of each* ℥iij. *digeſt in Goats Milk, and diſtill in ſand, cohobating thrice.*

It is powerful againſt all Tertians and Quartans, being given either in the Fit, or early in the Morning; Univerſals being before hand premiſed: Doſe is from ℥ij. *ad* iiij.

25. *Aqua Hyſterica Mynſichti*, Mynſicht his Water againſt Fits.

℞ *Elder - berries dryed*

℥iij. *roots of Bryony, of White Dictamy, of Peony, Zedoary, ana,* ℥j. *Misseto of the Oak, Cassia Lignea, red Myrrh, the lesser Cardamoms, best Saffron, choise Castoreum, A.* ℥ss. *seeds of Agnus Castus, Cumin, Dacus, of Rue, A.* ℥iij. *Pasque Flowers, or Flowers of Crowfoot,* ℥ij. *cut and bruise, and infuse in Mallago Sack* ℔vj. *digest 14 days, then add Waters of Mugwort, of Motherwort, of Pennyroyal, of Bawm, of Nep, A.* ℔j. *mix, and distil by a* B. M.

This Water (*saith Mynsicht*) is most healing in all the most dangerous suffocations of the Womb, or Fits of the Mother, and in many other very grievous and vehement affects thereof; it alleviates and cures the Symptoms thence arising. You may give of it in the Paroxism it self from two spoonfuls to three, mixt with *Mynsicht* his *species Diajovis* ℥j.

26. *Aqua Antonij Galli ad Antiquas dolores Luis Venereæ,* The Water of *Anthony Gaull*, for easing old pains, proceeding from the Pox,

℞ *Gum Lacca, Aloes washed in Myrtle Water, A.* ℥ss. *roots of Ellecampane, leaves of Scordium, of Carduus Benedictus of Ivy, A. M.* j. *Infuse all in a sufficient quantity of Aqua Vitæ, in a glass Vessel well closed: digest in Horse-dung for forty days: then decant the Water, to which add Præcipitate* ℥j. *Crystals in ponder* ℥ij. *Infuse again in the same liquor, digesting in Horse-dung, as aforesaid, for other forty days, then take it forth and decant the Water.*

This Water is estimated by the Author thereof and some others, to be an admirable remedy against all inveterate and old pains whatsoever; proceeding from what cause soever, chiefly the French Pox, it ought to be given only to 10 or 12 drops for a Dose, the which you may mix with Betony, Borrage, or other such like Water. It is much to be doubted whether the *Recipe* has not been formerly false Transcribed, and so from thence false Printed; so most Artists and Men of Un-

derstanding

derſtanding, think that in place of the Præcipitate, Corroſive ſublimate ought to be inſtituted.

27. *Aqua ad Oculorum nebulas & ſuffuſiones: Horſtius* his Water againſt Clouds and Cataracts of the Eyes.

℞ *Honey of Roſes* ℥x. *a Sheep or Weathers Gall* ℥iiij. *Sarcocol* ℥ii ſs. *Juyces of Celandine and Fennel, A.* ℥ij. *Eye-bright* M ij. *Rue* P j. *Camphir* ℈ij. *Sagapenum* ℈j. *mix and diſtil, cohobating three times.*

You have a water of a moſt admirable uſe for all Eyes which are dim, dull, cloudy, or have Cataracts breeding in them: you may at firſt bath the Eye lids therewith, the Eyes being cloſed; but afterwards you are to drop it into them four or five times a day: ſome have received Cure from it, as if it had been miraculous. This following comforts and reſtores the ſight much, the Eyes being often waſhed therewith. ℞ *white Wine* ℔vij. *new white Bread* ℔iiij. *Cloves, Juyce of Fennel, Celandine and Squills, A.* ℥ls. *mix and diſtil therefrom* ℔v.

28. *Aqua Magna ſeu Magnus Liquor Fioravanti:* Magno Liquore of Fioravant.

℞ *rectified ſpirit of Wine* ℔xx. *of the beſt rectified Oyl of Juniper berries* ℔ij. *Roſemary Flowers* ℔iij. *Roſemary Leaves, Sage, Rue, Betony, Yarrow, Comfrey roots, Tamariſk-Bark, Viticella, A.* M. j. *Hypericon with ſeeds* ℔ij: *Juyce of the Fruit of Balſamina, Balſamum Nervinum Schroderi, A.* ℔ij. *Olibanum, Bdellium, A.* ℥x. *Aloes, Frankincenſe, Wax, Pine-Roſin, A.* ℥viij. *Lignum Aloes* ℥vj. *Sarcocol, Sanguis Draconis, Maſtich, Galangal, Cloves, Nutmegs, Spikenard, Saffron, Old Mithridate, Old Venice Treacle, A.* ℥iiij. *Musk* ℈j. *Let all (except the Juyce of the Fruit of Balſamina, the Musk, and the Balſamum Nervinum) be digeſted in a large glaſs Mattraſs, with a very gentle Heat in* B. M. *for* 30 *or* 40 *days; then decant off the clear Liquor, to which add*

the ſaid Juyce, Balſam and Musk aforeſaid, digeſt again with a gentle heat for 10 days, then keep it for uſe.

It is an admirable thing againſt the Plague, for which it was principally deſigned, and againſt all manner of Peſtilential Feavers. The Author ſaith, the older it is the better it is, and that it cureth the Dropſy, being given every morning ℥ſs. with Syrup of Roſes ſolutive ℥j. for 40 days together, the which he proved. It heals and cures wounded and cut Veins, Nerves and Bones, if they be dreſſed with this, and the parts be cloſe joyned and ſtayed together, it cures in ſhort time without alteration. It helps the White Scall, if you bath herewith, as alſo coldneſs of the Head and Catarrhs, uſing it at night going to bed: the Stomach bathed therewith is ſtrengthned thereby, by which is cauſed perfect digeſtion: it alſo provokes Urine, and kills Worms. If you deſire it of a more Oyly body, leave out the rectified S. V. and take ſo much Oyl Olive and old Hoggs Lard ℔iſs, and let your digeſtion and boyling be accordingly, which ſeems to be according to the mind of the Author.

29. *Aqua Vitæ Fioravanti*, Fioravants water of Life.

℞ *Nuciſtæ or Nutmegs, ſweet Fennel ſeeds, Cloves, Ginger, Spicknard, Benjamin, A.* ℥j. *mix, bruiſe them groſsly and digeſt in S. V.* ℔xvj. *for a week, then diſtill in* B. M. *till there is a change of the colour.*

It is a good thing to be given in Peſtilential times, and to be taken every morning faſting ad ℥j. or more, in a Glaſs of Canary.

30. *Aqua ad Peſtem Fioravanti*, Fioravants water againſt the Plague.

℞ *fine Bole, Valerian, Zedoary, red Myrrh, round Birthwort, Calamus aromaticus, Diptamnus albus, Maſterwort, Camphir, A.* ℥ſs. *Aloes, Cinnamon, Cloves, Saffron, A.* ℥ij. *bruiſe the particulars, and digeſt in* ℔v. *of the Quinteſſences or Poteſtates of Saſſafras in a Glaſs Veſſel*

Veſſel for 24 hours: then add to it of the beſt Mallago Wine ℔v. *and keep them in a Glaſs Veſſel cloſe ſtopt for uſe.*

This is uſed to preſerve from the Plague, and to be taken in Peſtilential times ad ʒij. in the morning faſting. It alſo expells the Peſtilential Poyſon when received.

31. *Aqua Imperialis Fioravanti*, The Imperial water of Fioravant.

℞ *Sal-Gem, Roch-Alum, Brimſtone, A.* ℔ij. *Borax* ʒx. *ſpirit of Vinegar* ʒjv. *Pearl and Coral prepared, A.* ʒij. *put all into a Gourd with its Head and Receiver, and give Fire according to Art, and at laſt will come forth a white water like Milk, the which after it hath ſtood a while will grow clear.*

The Teeth being black, ruſty, and full of filth, and the Gums being putrified or corrupted, this water preſently cleanſes and heals. It helps Ulcers in the mouth, incarnates the Gums, makes the Teeth white, and cauſeth a ſweet Breath, if the ill ſcent of it did ariſe from any of the aforeſaid cauſes.

32. *Aqua Vitæ aurea Langij*, The Golden water of Life of Langius.

℞ *Old Wine* ℔iij. *Flowers of Lilly Convally, as many as can be well digeſted therein, digeſt 8 days, then diſtill in* B.M. *with a very gentle fire. Then mix with the aforeſaid water, water of black Cherries* ℔jſs. *to which add Lavender flowers, M* j ſs. *Roſemary flowers M j. Cloves* ʒj. *Mace* ʒij. *Squills prepared* ʒij. *white Dittany, Miſſleto of the Oak, Peony roots, A.* ʒij. *Cubebs* ʒj ſs. *cut them which are to be cut, and bruiſe them which are to be bruiſed, and in Bal. Vaporoſo diſtill with three Cohobations, keeping the water cloſe ſtopt for uſe.*

It is deſigned againſt Diſeaſes of the Head and Brain, as Epilepſies, Apoplexies, Convulſions, Palſies, and other cold Diſeaſes of thoſe parts. Doſe ab ʒſs. ad ʒj. in the morning faſting, in Wormwood Wine.

33. *Aqua Virtutum Reineſij*, Reineſius his water of Virtues.

℞ *Orrice roots* ʒij. *roots of Cyprus, Zedoary, A.* ʒvj.

outward Citron rinds, ℥jſs. *Nutmegs*, *Mace*, *Ginger*, *Saffron*, *A.* ℥j ſs. *Cloves* ℥ſs. *Maſtich*, *Lignum Rhodium*, *yellow ſanders*, *A.* ℥iij. *both ſorts of Carduus*, *A.* ℥j. *Calamus Aromaticus*, *Rawm*, *Pennyroyal*, *Roſemary*, *Mother of Time*, *the four Cordial flowers*, *A. M ß. Clove-gilliflowers*, *Lavender*, *Sage*, *A. M j young Hogs hearts N° 3 beſt Rheniſh Wine or Canary* ℔iiij. *ſpirit of Wine* ℔ij. *digeſt and diſtill in B. M. according to Art.*

This is a good Cephalick, Stomatick, Hyſterick and Carminative, prevails againſt the Cholick and all internal pains proceeding of Wind: it is a great Cordial, and may be given in Faintings and Swoonings ab ℥j. ad ℥ij. It has all the Virtues of the Herbs of which it is made.

34. *Aqua Apoplectica & Hyſterica*, an Apoplectick and Hyſterick water.

℞ *Cinnamon* ℥j. *Cloves*, *Nutmegs*, *Ginger*, *Zedoary*, *grains of Paradice*, *A.* ℥vj. *Citron Peels*, *Orange Peels*, *A.* ℥ſs. *Spicknard*, *Caſtoreum*, *A.* ℥v. ℈j. *Endive*, *Pennyroyal*, *Scordium*, *Rawm*, *Mint Southernwood*, *Mother-wort*, *A.* ℥ij. *Sage* ℥viij. *Marjoram* ℥ſs. *freſh Roſemary-tops* ℥iv. *Rheniſh Wine the beſt* ℔xvj. *mix*, *digeſt and diſtill in B. M.*

The Title ſhews the Virtues, for which it is no mean thing; This water was accounted among the Secrets of *Jacob Martin* for an Apoplexy: It cures fits of the Mother, expells Wind, provokes Urine and the Terms, and expells both Birth and After-birth. Doſe ab ℥ſs. ad ℥j ſs. or ℥ij. in Rheniſh wine ſweetned.

Here is to be noted, That the Aqua Cœleſtis *deſcribed in Our* Pharmacopœia Londinenſis lib. 4. cap. 1. ſect. 21. *is the* Aqua vitæ Matthioli, *ſo often commemorated in other Authors.*

CHAP.

CHAP. II.

of SPIRITS.

1. *Spiritus Cardiacus*, The Cordial Spirit.

℞ *Angelica, Bawm, Lavender, Roſemary*, *A.* ℥iv. *Rue, Cardnus, Scordium, Sage, yellow of the Limon and Orange Peel*, *A.* ℥ii. *Zedoary, Gentian, Tormentil, Virginian Snakeroot, contrajerva, roundiſh birthwort*, *A.* ℥iij. S.V. ℔xl. *digeſt all twenty days, then in an Alembick ſeparate the firſt* ℔x. *of ſpirit; and draw off the remainder for a Cordial water.*

It is a notable reſtorer of ſuch as are in Conſumptions, curing moſt Diſeaſes of the Head and Nerves coming of cold. It reſiſts all Poyſon, and the Plague, comforts the Heart, and is profitable in all putrid and malign Feavers. It is Diaphoretick and may be taken at all times, eſpecially in Faintings and Swoonings: Doſe à ℥ij ad ℥j.

2. *Spiritus Analepticus*, The Reſtorative Spirit.

℞ *Cinnamon, Nutmegs, Mace, Cloves*, *A.* ℥iij. *Ginger* ℥j. S.V. ℔xij. *digeſt all for twenty days (adding a little ſalt of Tartar) then ſeparate the ſpirit in an Alembick, according to Art.*

It is good againſt Swooning, Frenſy, Madneſs, Apoplexy, Epilepſy, and Greenſickneſs: it cures Hecticks, Phthiſicks, Conſumptions, *&c.* chearing the Heart and reſtoring Nature and the waſted Humidity: it cures Feavers, and comforts all the Spirits Natural, Vital, and Animal: Doſe à ℥iij ad vij. alone, or in ſome proper Vehicle.

3. *Spiritus Carminativus*, The Spirit expelling Wind.

℞ *Aniſeeds, Carraways, Cardamoms, Grains of Paradice*, *A.* ℥iii. *Juniper-berries* ℥ii. *Bay Berries* ℥j. S.V. ℔x. *bruiſe all, digeſt twenty days, then ſeparate the ſpirit in an Alembick, according to Art.*

It

In the Chollick nothing is more powerful, for it diſcuſſes all cold and glutinous Flatulencies or Winds; it breaks the Stone and expels it, whether in the Reins or Bladder. Doſe à ℥iii ad ℥vi. in *aquis Morbo appropriatis*.

4. *Spiritus Hedyoſmi*, Spirit of Mint.

℞ *Mint dryed* ℥xii. (*or* ℥viij. *if you add ſeeds of Annis and Poppy, A.* ℥ij.) *ſpirit of Wine, or the Queen of Hungaria's Water* ℔vj. *digeſt twenty days, then ſeparate the ſpirit.*

The Title ſhews the Virtues, for what more ſtops Vomiting than Mint? it is moſt excellent alſo in the Chollick, Swooning-fits, Heart-qualms, Watchings, Troubleſom Feavers, Pleuriſies, Dyſenteria's and the like: Doſe (in Poppy-water) ab ℥j ad ℥ij.

5 *Spiritus Abſinthij*, Spirit of Wormwood.

℞ *Wormwood* ℥iv. *Ginger, Pepper, roots of Maſterwort, A.* ℥j. *ſpirit of Wine* ℔v. *after twenty days digeſtion (being groſly bruiſed) ſeparate the ſpirit.*

It reſiſts Putrefaction, Poyſon, and Plague; it ſtrengthens the Head, Brain, Stomach and Heart; helps in the Apoplexia, Epilepſia, and Vertigo; it eaſes the Tooth-ach, provokes the Terms, and is good againſt Aſthma's and Phthiſicks: Doſe ad ℥ij.

6. *Spiritus Anodynus*, Spirit eaſing pain.

℞ *Thebian Opium, ſalt of Tartar, A.* ℥iij. *juyce of Henbane dryed, Camphir, A.* ℥ſs. *ſpirit of Wine* ℔v. *mix all, and circulate for twenty days in B. M. or ſand, then ſeparate the ſpirit.*

Its uſe is in all vehement and inveterate pains and defluxions in any part of the Body, Member or Joynt, where it eminently gives eaſe, and ſtops the Fluxion, it alſo wonderfully eaſes pains in the Teeth: Doſe à ℥j ad iij. in *Aqua Papaveris*, mixed with the Analeptick Spirit or the like.

7. *Spiritus Hyſtericus*, The Hyſterick, or Spirit againſt Fits.

℞ *Featherfew, Mugwort, Savin, Bazil, Maſterwort, Tanſy, Lavender, Penny-royal, A.*

*A.*M.j. *roots of Elecampane, Jallap, Bryony, Myrrh, Orange-peels, A.*℥ij. *ſpirit of Wine* ℔xvj. *let all be bruiſed, mixed, and digeſted for twenty days, then ſeparate the ſpirit, according to Art.*

It provokes the Terms, ſuppreſſes the Fits of the Mother, expels Wind, and eaſes all Hyſterick pains. It alſo cauſes eaſy delivery to Women in Travel. Give it in the Morning faſting, and at Night going to Bed ab ℥ſs. ad ℥ij.

8. *Spiritus ex tribus*, Spirit of three things.

℔ *Spiritus Analepticus camphorated* ℥v. *rectified ſpirit of Tartar* ℥iij. *Oyl of Vitriol* ℥j. *mix, circulate for a Month, then uſe it.*

It Sweats ſtoutly, reſiſts putrefaction, malign Feavers, and the Plague: Doſe ad ℥j.

9. *Spiritus Mellis Acidus*, The Acid Spirit of Honey.

℞ *Honey* ℔j. *Salt* ℔ſs. *mix them, and diſtil Gradually by a Retort: there will come firſt a white Water, then a yellow ſpirit and Oyl, rectify them.*

The white Water and yellow Spirit, cure the Pin and Web, cauſe Hair to grow, and ſerve to extract the Tincture of Coral. Inwardly they open obſtructions, expel Urine, and break the Stone. The Oyl if Circulated with perfectly dephlegmated Spirit of Juniper-berries for ſome days, and then ſeparated, it cures the Gout, and is good againſt eating Ulcers, and Gun-ſhot Wounds.

10. *Spiritus Mellis Ardens*, Inflamable Spirit of Honey.

℞ *Honey* ℔vj. *Water* ℔xxiiij, *diſſolve the Honey in the Water, and with Teſt, Tartar or Leven, cauſe the liquor to ferment, after which in a Glaſs Alembick, or Copper Veſica tin'd within, draw forth the ſpirit (in all reſpects) as you draw forth the ſpirit of Wine, which if you pleaſe you may in the ſame manner rectify.*

The Virtues are the ſame with Spirit of Wine, but it is much more reſtorative: it comforts the Heart, revives the Spirits, is good againſt Contagion, and poyſonous infections: you may put it to all

all uſes to which you put S.V. and give it inwardly in the ſame Doſe. You may alſo uſe it as a Menſtruum to make Tinctures and Extracts withal, being much ſuperiour to many others, eſpecially if Tartariz'd, according to Art: if well drawn, you cannot diſcern it from the beſt ſpirit of Wine.

11. *Spiritus Vitrioli Epilepticus Fabri*, Fabers Epileptick Spirit of Vitriol.

℞ *Vitriol, pure Niter, ana. put them into a well Luted Retort, and place them in a fit furnace, for diſtilling* A.F. *cloſe the joynts of the Still and Receiver well, to keep in the Spirit; draw off the* A.F. *and while the receiver is yet red, with the ſpirits of the* A.F. *ſuddenly change it, and with great induſtry joyn it to another Retort, half filled with Vitriol well dryed and poudred: Lute the joynts, and diſtil, as for ſpirit of Vitriol (for ſuch it is) which will ariſe in white Fumes, which ſpirit meeting in the Recipient with the* A.F. *or red ſpirit of Niter, fix themſelves with a great Noiſe, and as it were with many Clouds flying about the void ſpace of the Receiver, which at length reſolve into a blew and green water very heavy. Then let this water reſt for ſome days in its recipient cloſe ſtopped, and digeſt it in a warm Balneo, to putrify for a whole month; at laſt diſtill it* per cineres *with a very gentle Fire, ſo have you in the firſt Diſtillation, the blew and green ſpirit of Vitriol, falling down in blew and green drops; theſe ceaſing, change the Receiver, keeping this ſpirit in a Glaſs cloſe ſtopt for uſe. What remains is* AE. *which may be reſerved for the cure of Fiſtula's and malign Ulcers, being 3 or 4 times rectified.*

It is an Arcanum in the Epilepſy, performing the Cure *ſive per Sympathiam, ſive per idiopathiam.* It wonderfully comforts and ſtrengthens the Brain, takes away from it ſuperfluous humors, multiplies the Animal Spirits, augments the Vital heat, and prevents the putrefaction of the Juyces through the whole body, by vertue of its Volatility. It cures Freckles

kles, ſpots of the skin, Herpes, and all ſorts of Scabs, only by Unction; as alſo Fiſtulated Ulcers, and that without pain, becauſe the Salt which reſides in the Subſtance thereof is ſweet, without any Cauſtick or Burning property in it. Doſe ad ℈j. in a morning faſting, for ſeveral days together (for a month at leaſt) in Peony water, or in Tincture of Peony Flowers, purging the body twice in the ſame month with Salt of Vitriol; by this means an abſolute Cure of the Falling-Sickneſs will be compleated. Here note, that if the afore ſaid rectified A. F. be joyned with S. V. and putrified together, there reſults therefrom an excellent Medicine to open all Obſtructions.

12. *Spiritus Vitrioli Paracelſi*, Paracelſus his Volatile Spirit of Vitriol.

℞ *Hungarian Vitriol cleanſed and dryed, diſtill it by degrees in a Retort on a naked fire, that the Spirits may follow the Flegm: to the diſtilled Liquor add diſtilled Rain, and make a freſh diſtillation in* B. M. *then a ſubtil ſpirit of Vitriol will be elevated with the water, and a ſharp Oyl left at bottom: but if you would have the pure Volatile Spirit, after the Flegm, take off the Receiver, and whilſt hot, place it in* B. M. *with a well luted Alembick, and a ſmall Receiver, ſo have you a Volatile Spirit, which keep by its ſelf; you will get but* ℥j. *out of* ℔ij.

Paracelſus commends this as a perfect cure for the Falling-Sickneſs, the which thing ſome have proved; but the dearneſs of the Medicine prohibits the common uſe thereof. Mixt with Rain-water, it is very piercing, and very excellent in the worſt of Feavers. Take ſo much at a time as may make the Vehicle a little ſharp.

13. *Spiritus* ſeu *Oleum Salis*, Spirit or Oyl of Salt.

℞ *Common Salt* ℔ij. *make it into paſte with Potters Clay, Sand or Bole,* ℔iij. *or more; dry them hard, then put them into a Glaſs Retort luted, and not half filled; fix it to a large Receiver, and keep an equal degree of Fire, till th*

Flegm

Flegm is gone; then force it with a ſtrong Fire, continuing till a white ſpirit comes forth; rectify it, and abſtract or evaporate the Flegm.

It cures the Scurvy and Surfeits, reſiſts the putrefaction of Feavers, quenches Thirſt, breaks, diſſolves and expells the Stone in both Reins and Bladder; diſſolves all Tartarous Subſtances, opens Obſtructions, and is prevalent againſt the Plague. Doſe a gut. viij. ad xij. or more.

14. *Spiritus de Cornu Cervi*, Spirit of Harts-horn.

℞ *Harts-horn raſped, put it into an Earthen Retort, or a Glaſs one coated; ſet it in an open Fire with a large Receiver, and make the Fire by degrees, ſo have you a yellow Spirit, with a Volatile red Oyl (change the Receiver when the red Oyl comes) then rectify the Spirit with Calcined Tartar.*

The rectified Spirit is very penetrating, and opens all Obſtructions in the whole body; it purges by Sweat and Urine all malign humors and vapours, it is powerful againſt the Plague, and all ſorts of Feavers; as alſo the Small-Pox, Meaſles, *French*-Pox, Scurvy, Jaundice, Surfeits, Pleuriſy, Melancholy, Leproſy and Gout. The red Oyl rectified, cures Quartan Agues, Wounds, Bruiſes, and all pains coming of Cold. Both Spirit and Oyl are excellent againſt all ſorts of Fits, the Suffocation of the Womb Apoplexies, Convulſions, Palſies, Vertigoes, Epilepſies, &c. Doſe of the Spirit a gut. xv. ad xxx. of the Oyl a gut. vj. ad x.

15. *Spiritus & Oleum Cranij humani compoſitum*, Spirit and Oyl of Mans Skull compound.

℞ *Shavings of a mans skull that was killed* ℥viij. *Amber in pouder* ℥vj. *ſhavings of Ox-horns* ℥iv. *mix them, and in a glaſs Retort, with its Recipient, diſtill in a ſand-heat with a gradual Fire, ſo have you a ſpirit mixed with Oyl, Flegm and Volatile ſalt, to which add the fixed ſalt of the faces. Here note, that ſome make it without the Addition of Ox-horns.*

This

This is accounted one of the greateſt Secrets in Nature for the cure of the Falling ſickneſs, being given two or three times in a month, in the morning faſting, in ſome Cephalick water, anointing the Sutures of the Skull, Temples and inſide of the Noſtrils therewith. Doſe gut. vij.

16. *Spiritus Roſmarini compoſitus*, compound Spirit of Roſemary.

℞ *dryed Roſemary M. vj. Lavender, ſweet Marjoram, Sage, Bawm, Tile flowers, A. M. iij. Saffron, Cloves bruiſed, A.* ℥ij ſs. *Queen of Hungaries water* lbviij. *digeſt all* 10 *days, then ſeparate the ſpirit in* B. M. *according to Art.*

This is a great Cephalick, good againſt Head-achs, Megrims, Apoplexies, Epilepſies, Palſies, Numbneſs, Lameneſs, Lethargies, and other Diſeaſes of the Brain and Nerves. Doſe ℥ij. or more in a Glaſs of Wine.

17. *Spiritus Carminativus Sylvij*, Sylvius his Spirit expelling Wind.

℞ *Angelica roots* ℥j. *Maſterwort, Galangal roots, A.* ℥iſs. *Roſemary, ſweet Marjoram, Garden-Rue, Baſil-leaves, A.* M ſs. *Bay-Berries* ℥iij. *Angelica, Lovage, Aniſeeds, A.* ℥ſs. *Ginger, Nutmegs, Mace, A.* ℥jſs. *Cinnamon* ℥vj. *Cloves, Orange Peel, A.* ℥j. *beat all groſsly, and put upon them ſpirit of Mallaga Wine or Canary* ℥xl. *digeſt two days in* B. M. *and diſtil to dryneſs; whatſoever aſcends, let be poured upon the Maſs; digeſt two days, and then diſtil three fourth parts, keeping the ſpirit for uſe. If you pleaſe, you may put upon the remaining,* S. V. *rectified* ℥xx. *digeſt two days, then diſtil as long as a ſtrong ſpirit will come over, which (as weaker in Virtue) keep a part from the former.*

It is an admirable thing againſt the Chollick, and all oppreſſions of Wind, weakneſs of the Stomach, obſtructions of the Spleen, Fainting and Swooning Fits, Plague, Peſtilence and Poyſon: it alſo prevails againſt Gravel and Stone, and may be

be given in ſome proper Water, *a* ℥ij. *ad* ℔j.

18. *Spiritus Vini Philoſophicus Kirkringij*, Philoſophick Spirit of Wine.

℞ *Sal Armoniack thrice ſublim'd* ℥iiij. *Spirit of Wine diſtilled from Salt of Tartar, ſo as it may be perfectly dephlegmated, a ſufficient quantity: put them together in a Vial, which digeſt in a very gentle heat, that the* S. V. *may fully imbibe the Sulphur or Fire of the Sal Armoniack; then diſtil the mixture thrice by an Alembick, ſo have you a moſt excellent Menſtruum.*

The uſe of this is to extract a blood-red Tincture from the Glaſs of Antimony, and from other mineral and metalick bodies. It is not much unlike to that of *Baſil Valentinus*, mention'd in Our *Pharm. Lond. Lib.* 1. *Cap* 9. *Sect.* 22. having indeed all thoſe virtues. They that pleaſe to uſe this in all inward Obſtructions, will it may be give me thanks for communicating the Secret uſe of this moſt excellent Spirit; but I may ſay no more. Give ſome drops.

19. *Spiritus Veneris* ſeu *Cupri Zwelferi*, Spirit of Venus or Copper.

℞ *Of the Volatile Vitriol of Venus, (made of Verdigriſe of Montpellier, as is taught in* cap. 10. ſect. 13.) q. s. *pounder it in a Marble Mortar, put it into a Retort with a long neck and wide mouth, after which cleanſe the whole neck of the Retort, with a feather tyed to a ſtick, that none of the Vitriol may cleave to it. Place this Retort in a cloſe Reveaberatory furnace, having four Regiſters on its corners and one in its middle, that thereby you may the better govern the fire. To the neck of the Retort fit a capacious and large glaſs Receiver, clean and dry; ſtop the juncture with a wet Bladder, which Lute with Quicklime and whites of Eggs. When the Lute is dry begin to give fire very ſlowly, that the vapors may ariſe ſoftly and by degrees, which condenſing themſelves into the neck of the Retort, may fall by clear and limpid drops into the Receiver. Now the*

mouth

mouth of the Retort ought to enter into the Receiver about four Inches, that the diversity of the Colour of the distilling drops may be seen (which is pleasant to behold) whereby the Fire may be the better regulated, which in this Operation is of great importance; for if the fire be never so little too great it may break the Vessels. This degree of heat is to be kept so long as the drops fall clear, and the true degree of the fire may be known by the space of time between the falling of each drop, which is while you may number six or seven. When the drops begin to turn green, and the white vapors appear in the Receiver, condensing themselves into a Spirit, which makes in the glass, strokes like winding Veins, it shews that the Volatile Spirit manifests it self largely, and that you ought to proceed very leisurely, because the Receiver will grow very hot, by the heat of the vapours and spirits. The first clear drops last nearly about five hours; the green and first volatile vapors, as much. This being over encrease the fire, till the Receiver is filled with very white vapors, which will continue (the fire being continually augmented) for five or six hours. Towards the end, by the great and vehement force of the fire, yellow drops will fall, which by degrees will become red, and is an absolute sign of the compleating or finishing of the Operation, which lasts about twelve or fifteen hours; according to the lesser or greater quantity of the matter. Let the fire go out, and the Vessels being cold, unlute them and put the yellowish spirit (having a strong sulphurous smell) into a Cucurbit, which place in B. M. lute to it a Still-head, and to its nose or beak a Matrass; give a gentle and fit fire to it, for this spirit rises as easily as does S. V. but towards the end encrease the fire a little more, that the whole substance may ascend in a most volatile and penetrative spirit, leaving a few Faces at bottom.

It is an admirable thing against the Falling-sickness, Apoplexy, Vertigo, and other

Diſeaſes of the Brain; againſt fits of the Mother and all Hypocondriack and Melancholy Diſeaſes, the radicated Scurvy, Surfeits, and all inveterate pains of the Head. Doſe à gut. j. *ad* x. or to a pleaſant acidity, in any proper vehicle. This is truly the greateſt remedy that can be extracted from Copper, which *Zwelfer*, the Inventer hereof has commended in theſe Words: *Et ut ſummatim dicam tanquam expertus in multis affectibus, qui Herculea etiam remedia rident, & contemnunt, ad hunc ſpiritum tanquam Aſylum ſi quis accurreret, medicamentum reperiet quovis, precio redimendum; Hoc fruere lector Amice ſecreto, & favore mei, pro fideli communicatione benevole perſevera.* This is not only a remedy in Phyſick, but a moſt famous diſſolvent in Alchymy, and a preparer of other Medicaments, opening and diſſolving their bodies without corroſion, without altering their ſeminal and energetick powers and faculties. It diſſolves Metals, Minerals and Stones, after which it may be drawn off by Diſtillation, without any loſs of its ſtrength and vigor, and ſerve again, and continually to the ſame uſes, retaining to the laſt its firſt or radicated power, both as to Phyſick and Alchymy.

20. *Spiritus Cochlearia Compoſitus*, Spirit of Scurvygraſs Compound.

℞ *Scurvy-graſs cut ſmall* ℔xviij. *Scurvy-graſs ſeeds bruiſed* ℔vj. *Horſe radiſh roots thin ſliced* ℔iiij. *Muſtard ſeed buriſed* ℔ij. *put all into a Copper Alembick or Veſica tinn'd within, upon which put ſo much good Rhiniſh Wine, as the things may eaſily ſwim in it: cover the Still with it's head, fix its receiver, and lute the joynts well: give fire as if you were ſtilling S. V. and be always mindful that the water of the Refrigeratory be always freſh and cold, changing it as it becoms hot. Keep the firſt and ſtrong ſpirit by it ſelf, changing the receiver when you perceive the Liquor to change its taſt, and grow weaker. The receiver being*

changed

changed, continue the fire till you find the drops almoſt inſipid; this laſt water keep alſo by it ſelf.

The firſt Spirit is very ſtrong, and may be given à gut. x. ad xl. It purifies the whole maſs of blood by ſweat, inſenſible Tranſpiration, and Urine, penetrating into the laſt digeſtion, and entring into the moſt Capillary Veins, Arteries and Lymphaducts, to draw out and correct all ſharp and ſcorbutick humors, wandering and nocturnal pains. It is an an admirable remedy in a cold Scorbute, and many other cold Diſeaſes, as Palſies, Dead Palſies, Apoplexies, Lethargies, *&c.* but of dangerous conſequence in a ſcorbute, where the conſtitution is hot and dry, for there it mightily excites the ſymptoms, and makes the Diſeaſe rage worſe and worſe, inſtead of Curing.

The latter water is of the ſame virtue with the former, but ought to be given in a greater Doſe, however it may well ſerve in other diſtillations.

21. *Spiritus Salis Armoniaci Acidus*; The ſowr Spirit of Salt Armoniack.

℞ *The Caput Mort. or fixt maſs left at the bottom of the Cucurbit, after the diſtillation of the ſpirit of Sal Armoniack, laid down in our* Pharmacopœia, lib. 3. cap. 11. ſect. 32. *ponder it, and mix it with thrice as much Potters Earth in pouder, put all into a Retort, ſo big as a third part may remain empty: put it into a cloſe reverberatory Furnace, and fit to it a very capacious receiver, Lute the junctures, and proceed in all reſpects as with ſpirit of ſalt, at* ſect. 13. *aforegoing, ſo will you have in the Receiver the acid ſpirit of Sal Armoniack.*

It has the Virtues of Oyl and Spirit of Salt; it is a good Diuretick, and a ſpecifick againſt Feavers and Malignant Diſeaſes. Doſe ſo much as may make the vehicle ſo ſharp as it may be conveniently drunk. The ſaid *Caput Mortuum* is the fixt Salt of the Sal Armoniack, mixt with the ſalt of Tartar; but this ſpirit is the

ſpirit of the ſaid fixt ſalt, not of the Salt of Tartar.

22. *Spiritus, Oleum, & Sal Volatile Urinæ*, Spirit, Oyl and Volatile Salt of Urine.

℞ *Urine of ſound young men newly made* ℔xxiiij. *evaporate the humidity in an earthen or glaſs curcurbit, in a ſand heat, till it is of the thickneſs of Honey, then fit to it a Head with its Receiver, and luting the joynts cloſe, continue a gentle fire, till the reſt of the Flegm is drawn off; after which increaſe the fire by degrees, and the ſpirit will riſe up in clouds, carrying along with it the Oyl (which will be but little) and after that the Volatile Salt, which will ſtick to the Head, as it were in flakes: continue the fire till no more aſcends, then unlute the Veſſels, and ſeparating the Volatile Salt, put it into a Matraſs or Bolt Head, with a long Neck; pour into it alſo the Spirit which is in the Receiver, and fit a blind head to the Matraſs; lute the joynts with a wet Bladder, and ſetting* the Bolt Head in Sand, ſublime with a ſmall fire all the Volatile Salt (as I have ſhewed in my *Pharmacopœia, lib. 2. cap. 5. ſect. 24. § 12.* in the ſublimation of the Salt of Vipers.) *Take this Salt and keep it in a Vial cloſe ſtopt. The remaining ſpirit you may either draw off with a gentle heat, or, filter it through Paper; ſo will there remain behind a ſmall quantity of black and very ſtinking Oyl.*

§ 1. The Salt is excellent againſt Quartane Agues, and Malign Feavers; it opens Obſtructions, and works both by ſweat and urine. Doſe *à gr.* vj. *ad* xvj. in any proper Vehicle. § 2. The Spirit has the ſame Virtues with the Salt, and may be given a gut. viij, ad xx. in ſome fit Liquor. § 3. The Oyl is of uſe to be given to women troubled with fits of the Mother, and to diſcuſs cold Tumors. § 4. If of the Spirit ℥j. be mixt with S. V. ℥j. the mixtion will be powerful againſt cold pains, the Sciatica and Palſy. § 5. If the *Caput Mortuum* be calcin'd, you may extract a very ſmall quan-

quanty of the fixt ſalt the common way. § 6. The Urine of young men is choſen becauſe that contains moſt Salt; and it is taken while it is new and freſh, and evaporated over a gentle heat, that the Volatile Salts may not ariſe with the Flegm. § 7. The Spirit of Urine, as alſo the Spirits of Harts-horn, of Amber, and other like Spirits, are improperly called Spirits; becauſe Spirits are ſulphurous and inflamable, whereas theſe Spirits ſo called, are only Flegm impregnated with ſome part of the Volatile Salt. § 8. Theſe Spirits and Salt of Urine ought not to be given in any warm thing, becauſe the heat thereof would make ſome part of the Volatile Salt to vaniſh, before it could be taken. § 9. Another way to draw the Salt of Urine. Set the Urine ſome months in fermenting in a veſſel cloſe ſtopt; from this diſtil a third part; this diſtilled liquor rectify three or four times in an Alembick, caſting away in each diſtillation the Flegm that remains at the bottom of the Bolt-head: laſtly, put this Spirit of Urine into a Matraſs with its head, and ſublime the Volatile Salt as before. This Salt is thought to be more penetrating, but it is much more tedious to make than the former.

23. *Spiritus Croci*, Spirit of Saffron.

You may make it various ways, and as you make ſpirit of Lavender-flowers. lib. 1. cap. 23. ſect. 43.

It ſtrengthens and fortifies the Heart, comforts all the Spirits, natural, vital and animal, provokes the Terms, and facilitates both Birth and Afterbith. Doſe à 3j. ad iij. the Elixir is much better than the Spirit, being the Quinteſſence or Poteſtates of Saffron impregnated with its Tincture.

24. *Spiritus Aurantiarum*, Spirit of Oranges.

It is made of the Rinds of Oranges, by infuſing in Rheniſh Wine, cauſing a gentle fermentation with Yeſt, Leven, &c. and then diſtilling in a copper Veſica: the Spirit you may rectify as often as

you pleaſe, till it is very ſubtil.

It is a good Cephalick, ſtomatick and hyſterick, and cordial; it revives the ſpirits, comforts the head, ſtomach, Heart and Womb; is good againſt Fits of the Mother, faintings and ſwoonings, and a great preſervative in all peſtilential times. Doſe à ℥ſs. ad ℥iij.

25. *Spiritus Limonium*; Spirit of Limons.

It is made as the former.

The Spirit has all the Virtues of that of Oranges, but is not altogether ſo hot, and ſo is the more Cordial: it is a great ſtomatick, ſtrengthens the internal and nervous Fibres of that *Viſcera*, and ſtops Vomiting.

26. *Spiritus Carui*, Spirit of Caraways.

It is made by ſect. 51. cap. 23. lib. 1. *of this Work, to wit, by Fermentation.*

It has all the virtues of the Oyl, but nothing near ſo hot, and much more pleaſant to be taken; it is pectoral, ſtomatick, nephritick and carminative; It eaſes the Chollick and all pains in the Reins and Ureters, gives eaſe in the Megrim and continual Head-ach from a cold Cauſe: It is good againſt the ſtone and ſtrangury, helps dulneſs of ſight, facilitates both Birth and After-Birth. Doſe à ℥ij. ad ℥iiij. in any proper Vehicle.

27. *Spiritus Baccarum Juniperi*, Spirit of Juniper-Berries.

It is made of the Berries bruiſed, mixt with Rain Water, Fermented and diſtilled in a Copper Veſica (tin'd within) according to Art.

It attenuates humors and ſlimy matter, and diſſipates Wind in general; it provokes urine and ſweat, brings down the Terms, removes Obſtructions of the Spleen, helps in the diſaffections of the brain, nerves, ſtomach and reins: It is good againſt Coughs, difficulty of Breathing, the Chollick, Pain and Wind in the Hypochonders; it diſſolves the ſlimy and gravelly matter in the Reins and Bladder, and expels the ſame. It is an admirable preſervative in contagious times, and as a perfume is

good

good to correct the malign and poyſonous diſpoſition of the Air. Bathed with outwardly, it is of excellent uſe againſt the Cramp, and all cold affects of the Nerves. But indeed this Spirit far ſurpaſſes all that which here we have ſaid; for it penetrates almoſt in a moment the whole body, and carries along with it a moſt Balſamick Virtue, for the ſick having taken never ſo little of it ſhall have the firſt Urine which comes from him, after taking of it, to have the ſmell of Orrice-root, Raſp-berries or Violets. Doſe à 3ſs. ad 3ij or 3iij. in Juniper Water or Wine, or proper Broth.

28. *Spiritus Meliſſophylli*, Spirit of Bawm.

It is made as Spirit of Wormwood, in our Pharmacopœia Londinenſis, Lib. 4. Cap. 1. Sect. 1. *To which we refer you.*

It is a good Cephalick, Stomatick, Cardiack, and Hyſterick; it chears the Heart, comforts the Spirits, cheriſhes the natural Heat, reſtores the radical moiſture, and prevails powerfully againſt Melancholy. It is good againſt malignant Feavers, ſuppreſſion of the Terms, reſiſts putrefaction, &c. Doſe à 3j. ad 3iij.

29. *Spiritus Roſemarini*, Spirit of Roſemary.

It is made altogether as are thoſe of Wormwood and Bawm aforenamed.

It is good againſt all cold Diſeaſes of the Brain, Nerves, Joynts, Rheumatiſms, and cold Gouts; it eaſes pains of the Head, ariſing from Flegm, or any cold Cauſe: It is good againſt the Vertigo, ſtrengthens the Memory, and Eye-ſight, and helps Deafneſs and noiſes in the Ears. It ſtrengthens and warms a cold Stomach and Womb; opens Obſtructions of the Liver and Spleen; it revives and preſerves the Natural heat, and reſtores the Functions of all the parts of the Body; Doſe à 3j. ad 3ij. or more, in ſome Cordial Water.

30. *Spiritus Sabinæ*, Spirit of Savin.

It is a wonderful pleaſant thing, and very odoriferous,

beyond moſt other things which are much more odoriferous in the Herb: It has all the Virtues of Saffron, beſides which it is a true Cordial and eaſer of pains, whether given inwardly or applyed outwardly: It is good againſt the Gravel and Stone, and opens ſtoppages in the Reins, Bladder, and Womb, and gives eaſe in pains of thoſe parts to a miracle. Doſe ℥j. *ad* ℥ij. in ſome proper Water.

31. *Spiritus Acouſticus*, Spirit againſt difficulty of Hearing.

℞ *Ants Eggs, Live Millepedes or Sows, A.* N°xxxij. *Bitter Almonds,* ℥ſs. *Bay-berries hull'd, berries of Juniper and of Savin, A.* ℥ij. *Cumin-ſeed, roots of the round Cyperus, A.* ℥j. *Earth-worms cleanſed, Tobacco, Wormwood, A.* ℥ſs. *white Amber levigated, Caſtoreum, A.* ℈j. *beſt Saffron* ℈ſs. *being groſsly bruiſed and mixt together, infuſe them in Aniſated Spirit of Wine* ℥xvj. *digeſt eight days, ſtirring it often in a day; then filtrate, and keep the Tinged Spirit for uſe.*

This Spirit is ſaid to be a Secret in difficulty of Hearing, Deafneſs, or in a ringing or noiſe in the Ears, although they be never ſo inveterate or of a long ſtanding: you may inſtil a few drops into the Ears, early in a morning, with a faſting ſtomach, and at night after ſupper, then ſtopping the Ears with muskified Cotton or Silk.

32. *Spiritus Stomachicus*, A Stomatick Spirit.

℞ *choiſe Cinnamon* ℥iij. *Galangal the leſs, Aniſeeds, A.* ℥ij. *Cloves; Nutmegs, A.* ℥j. *Spearmint, Roſemary, A.* ℥ſs. *Acorus, Ginger, Red Roſes, A.* ℥ij. *being groſsly bruiſed and mixt, infuſe them in S.V.* ℔viij. *after due digeſtion let all be diſtilled in B.M. The Spirit being drawn forth, you may ſweeten with white Sugar Candy or Quiddony of Quinces.*

It is good againſt a bad Appetite, and an ill digeſtion, and warms and comforts a cold and weak Stomach: It is not only good againſt nauſeouſneſs and vomiting, but alſo againſt a Dog-like Appetite

petite: it is also good against Heart-Burning, sowr Belchings, straightness of Breathing; and comforts all cold and moist complexions: it is good in old Age, for it comforts their Natural heat, and preserves from putrefaction. It is said to acuate the Mind and the Eye-sight, preserve the Memory, and retard Old Age. Dose one spoonful.

33. *Spiritus Paraliticus*, Spirit against the Palsy.

℞ *Earth-worms dryed, Juniper-berries, Rocket-seed, A.* ℥ij. *Roots of Pyrethrum, of Angelica, of Aron, A.* ℥j. *Lavender Flowers, Rosemary, Sage, Long Pepper, Fresh Garlick, A.* ℥ss. *Mastick, red Myrrh, yellow Amber, Euphorbium, Castoreum, A.* ℥iij. *bruise, mix and infuse in S.V. rectified* ℔iiij. *digest a Month, then filter and keep the Spirit for use.*

With this tinged Spirit you may Bath such Members as are paralitick and dryed (Universals being premised) also you may dip linnen cloths therein, and apply them to the affect.

CHAP. III.

Of OYLS *Distilled.*

1. OLEUM *Cinnamomi*, Oyl of Cinnamon.

℞ *Cinnamon, grosly bruise it, put it into a glass Body, which cover with Spirit of Wine (made very sharp with Spirit of Salt, or else having so much Salt put into it as the Wine will dissolve:) put thereto a blind Head, which Lute close, and set it to digest in a gentle heat, for about ten days: then apply an Alembick close luted, with its receiver; distil it with a small Fire, encreasing it by degrees; so shall you have a heavy Oyl which will sink, and*

a

a Spirit: ſeparate them, and keep them for uſe. Or thus, ℞ *choice Cinnamon bruiſed* ℔vj. *Rain-Water* ℔xviij. *Sal Niter* ℥xij. *digeſt in an Earthen Veſſel well ſtopt for 48 hours: put the Ingredients into a large Copper Alembick, well tin'd within, joyn to it a fit receiver, luting the joints with a wet Bladder, diſtil with a pretty good fire,* ℔iij *or* ℔iiij. *of the Liquor: then unlute the Stillatory, and pour into the Alembick the diſtilled Water by inclination, reſerving the Oyl, which will be at the bottom of the Receiver, ſtopping it up cloſe in a little Vial by it ſelf: Diſtil the Liquor again as before, returning the diſtilled Liquor again, and reſerving the Oyl with the former: This Cohobation ſo often repeat, till no more Oyl will ariſe: then weaken the fire, and draw off a ſtrong Cinnamon Water, which rectify as you do Spirit of Wine.*

§ 1. The Vertues of this Oyl are almoſt infinite, in comforting, ſtrengthning, and reſtoring of Nature, fortifying the Stomach, corroborating the Heart, *&c.* And the ſpirituous Water is of the ſame nature, but weaker: See the Virtues at large, in Our *Pharmacop. lib. 4. cap. 3. ſect. 12.* Where you have alſo the way of Exhibition. § 2. After this manner almoſt all Oyls of Odoriferous Vegitables may be drawn, as thoſe of Roſes, Sweet-Marjoram, Jamaica Pepper, Cloves, Mace, Nutmegs, Aniſeeds, Dill-ſeeds, Roſemary, Lavender, Juniper, Saſſafras, Rhodium, *&c.* Which either ſwim above the Water or ſink, according as they are leſs or more repleat with Salts. § 3. The Niter is put into the digeſtion, that the water may the more powerfully open the body of the matter, that it may the more eaſily exert and yeild its Oyl. § 4. The Cohobation ſerves only for the farther opening of the body, to make a perfect ſeparation of the Oyl, which without it could not be. § 5. You ought to make a ſufficiently ſtrong fire, otherwiſe the Oyl will not

not riſe at all. §. 6. Cinnamon yields leſs Oyl than other Woods or Barks; one pound ſcarcely yielding above ℥j. of good Oyl. §. 7. The Spirit of Cinnamon is only a rarified Oyl, whoſe parts are ſeparated and divided in the Water by Fermentation, ſo as to become imperceptible.

2. *Oleum Benedictum*, The Bleſſed Oyl.

℞ *Benjamin* ℥iiij. *Myrrh* ℥viij. *pure Wax* ℥xij. *Venice Turpentine* ℥xviij. *rectified Spirit of Wine* ℥xxx. *Aſhes or Sand* ℥xxxiiij. *mix, and in a Retort diſtil the Flegm, Spirit and Oyl: each of which ſeparate a-part, and keep for uſe.*

The Flegm eaſeth pain in Ulcers; the Spirit is good againſt the Plague, as alſo the Pin and Web; the Oyl cures Wounds ſuddenly, is excellent againſt the Strangury, Pleuriſy, Worms, Coughs, Rheums, Feavers and Conſumptions. It is ſaid to Cure the Plague, even to a Miracle. Doſe à gut. vj. ad ʒ. in Canary. Outwardly mix it with Oyl of Almonds and anoint therewith.

3. *Oleum Calami Aromatici*, Oyl of Calamus Aromaticus.

It is made as Oyl of Cinnamon.

It Cures Catarrhs, and a weak Memory, Indigeſtion, Vomiting, a ſtinking Breath, ſwooning and fits of the Mother: It expels Urine, Terms and the Stone. Doſe *ad* gut. x.

4. *Oleum Carui*, Oyl of Carraways.

It is made as Oyl of Cinnamon.

It is good againſt Plague, Poyſon, Melancholy; cauſes reſt, helps difficulty of Urine, Jaundice and Dropſy: it breaks the Stone and expels it: it ſtops fluxes, and expels Wind in any part of the Body: it comforts all the inward parts, and brings forth the Birth and After-Birth, provokes the Terms, and is a powerful Remedy againſt the Epilepſy, Convulſions, Palſies, Apoplexy, and all Obſtructions of both Liver,

ver, Spleen and Lungs; cauſing a ſweet Breath, taking away Aſthma's, helping ulcers of the Lungs, and cauſing a good Appetite. It helps in all Diſeaſes proceeding of cold, and any ways afflicting the Head or Nerves, as Vertigo's, Catarrhs, Megrim, Head-achs, as alſo Deafneſs, if one drop or two be mixed with three or four drops of Oyl of Almonds, and put into the Ear every morning. Doſe gut. vj, viij, or x. drops, in any convenient Spirit or Water: outwardly you may anoint with it, by mixing it with Oyl of Almonds.

5. *Oleum Compoſitum*, A Compound Oyl.

℞ *ſeeds of Fennel, Aniſe, Dill, Cummin, Parſly, Coriander and Ivy-berries dryed, A. Extract the Oyl, as Oyl of Cinnamon.*

It has all the Virtues of the former, beſides which, it more powerfully breaks the Stone, and gives eaſe in the Chollick. Doſe à gut. vj. ad x. or xij.

6. *Oleum Roſemarini*, Oyl of Roſemary.

℞ *Roſemary-leaves and Flowers, bruiſe them, and cover the ſame with S. V. tartarized: digeſt for two or three Months, in a gentle heat, then diſtil it in Aſhes with a gentle fire; ſo have you Oyl and Spirit, which ſeparate, keeping the Spirit for other diſtillations, or for uſe.*

It has all the Virtues of Oyl of Cinnamon, Cloves, Nutmegs, Caraways, and Juniper-berries, but not altogether ſo powerful, as are the Oyls of Cinnamon, Cloves and Nutmegs; it ſtrengthens the Brain and Memory, fortifies the Heart, reſiſts poyſon, and cures all ſorts of Agues: it is abſolutely the greateſt ſtrengthner of the ſight, and reſtorer of it alſo if loſt, of any thing thing in the World. It makes the Heart Merry, and takes away all fooliſh Fantaſms out of the Brain; it cleanſes the blood, cures the Tooth-ack, eaſeth all pains from a cold cauſe, and takes away the cauſes hindring Con-

Conception. It has a very grateful taſte, and ſo many Vertues, that they are not eaſy to be all expreſſed. Doſe à gut. vj. ad x. or xij. and to be taken as other diſtilled Oyls. See cap. 1. ſect. 9. aforegoing.

7. *Oleum Amaraci compoſitum*, Oyl of ſweet Marjoram compound.

℞ *ſweet Marjoram, Pennyroyal, Sage, Rue, Time, Tanſy, Mint, Wormwood, A. all being dryed, extract the Oyl, as that of Roſemary.*

It has the Vertues of Oyl of Roſemary, only this more powerfully provokes the Terms.

8. *Oleum Nicotianæ*, Oyl of Tobacco.

It is made as Oyl of Roſemary.

It is ſeldom uſed inwardly, outwardly it eaſeth the Tooth-ach, and all pains in any other part whatſoever. It cures the Kings-Evil, bitings of Venomous Beaſts, Worms in Children, Sores, Scabs, Itch, Cankers and old Ulcers: This Oyl impregnated with its Eſſential Salt, and made up into Troches, with Sugar and Gum, or Whites of Eggs, (half a grain or leſs in each Troch) being taken one every morning, will keep the body ſoluble.

9. *Oleum Terebinthinæ per Retortam*, Oyl of Turpentine by Retort.

℞ *Venice Turpentine, put it into a glaſs Retort ſo that three parts be empty, but let it be firſt mixt with Sand 2 or 3 parts: diſtill with a ſoft fire, ſo will there come forth, 1. a clear water, 2. a clear Oyl. 3. a yellow Oyl; 4. a red Oyl; at the coming of this laſt, encreaſe the Fire to the height, draw off that red Oyl, and keep it as a precious Balm.*

The firſt Oyl is hot, the ſecond hotter, the laſt hotteſt. The white or yellow Oyl opens all Obſtructions in the Reins and Bladder, as alſo pain and ſoreneſs proceeding of Cold; they expell Wind and the Stone; they take away pains of the Stomach, and ſtrengthen it, being anointed therewith; and may be

be uſed in all old ſtinking Ulcers, Biles, Fractures, contracted and benummed Members, being mixed with other Oyntments and anointed. *Fallopius* ſaith, They cure Wounds in 24 hours: the red is the moſt effectual for all external purpoſes aforeſaid. See Our *Pharm. Lond.* lib. 4. cap. 3. ſect. 28. where you have another way of Diſtilling Turpentine.

10 *Oleum Myrrhæ per Retortam*, Oyl of Myrrh diſtilled by Retort.

℞ *Myrrh finely poudred, from which extract the Tincture with* S. V. *rectified: Take the faces which will not diſſolve, with which mix fine Sand, put them into a Retort, upon which put all the extracted Tincture; diſtill firſt in ſand, with a gentle fire; ſo have you firſt a white Liquor then a yellow Oyl: remove now your Receiver, and apply another, and with a ſtrong Fire draw off the red or blackiſh Oyl.*

It is uſed chiefly to open Obſtructions of the Womb, and to expell the Child: it helps Hoarſeneſs, Coughs, Quinſies, Pleurifies, Cholicks, Fluxes, Feavers, Agues, (chiefly Quartans,) kills Worms, and is prævalent againſt the Lethargy, Forgetfulneſs and Deafneſs. Outwardly it is good againſt Eryſipela's, Gangreens, Tumors, green Wounds and old Ulcers. See other ways of Diſtilling hereof in our *Pharmacopœia* lib. 4. cap. 3. ſect. 29.

11. *Oleum Corticis Citri*, Oyl of Citron Peels.

℞ *The outward yellow rinde of Citrons, which put into a Glaſs Cucurbit, putting thereon diſtilled Rain-water, to over-top the breadth of 3 or 4 fingers: digeſt in a Sand heat 12 or 14 days, then diſtill with a moderate fire, ſo have you a Water, with a ſmall quantity of yellow Oyl which ſwims at top; both of them very odoriferous, chiefly the Oyl, whoſe taſte is very penetrating.*

It is an excellent Oyl againſt all manner of Poyſon and Venom, againſt the Plague, and all manner of Ma-

Malign Contagions, and Epidemick Diſeaſes. It provokes Sweat powerfully, and expells the malign humour by inſenſible tranſpiration. It cures all cold Diſeaſes of the Stomach, and takes away all pains there, or in the ſides, coming of Cold. It is a preſent Remedy in the Quinſey and Pleuriſy, and againſt the bitings of Vipers and Serpents of all ſorts. It ſtrengthens the heart, revives the Spirits, comforts the noble parts, and fortifies the whole man. Doſe à gut. ij. ad viij. dropt upon fine poudred Sugar, well mixt together, and drank in its own water as a Vehicle; or you may take it in Sack. *After the ſame manner you may diſtill Oyl and Water from the rinds of Oranges and Limons. The ſowr juyces of theſe kinds of Fruit, are ſeldom or never Chymically prepared, but only pureſied, or made into a Syrup nevertheleſs the aqueous part may be ſeparated in* B.M.

12: *Oleum de Ranis Senarii*, Oyl of Frogs.

℞ *Green Frogs living either in Reeds, or in pure and clear water, fill their mouths with Butter, and afterwards put them into an Earthen Pot that is Glaſed, and having in its bottom many little holes. Let this Pot be put into another Pot, and that other Pot be put into and ſurrounded with Earth, in the which it is to be as it were ſhut up: Then let as well the Pot that hath the Cover, as that Pot which is put into it, be carefully luted and ſtopt, that ſo nothing may Exhale: afterwards let the Fire be kindled round about the Pot on every ſide, and the Oyl will diſtill into the lower Pot, which is to be taken forth, (and together with the pouder of the Frogs mingled, for the making of a Liniment.)*

This eaſes all manner of Pains in any part of the body, chiefly of the Gout; but it was invented for eaſing of pains in a Cancer, and to cure it, for which it is a real good thing. It cures almoſt all manner of breakings out, and blemiſhes of the Face and Skin by barely anointing with it.

13.

13. *Oleum Philoſphorum Compoſitum Langij*, Oyl of Philoſophers Compound.

℞ *Oleum Philoſophorum or Brick* ℔ ſs. *Frankincenſe, Maſtich, Gum Arabick, Turpentine, A.* ℥ iij. *beat them together and diſtill in an Alembick, to the Diſtillation add Salt of Holm Oak* ℥ij. *and diſtill it again, keeping the Oyl for uſe.*

It is a very admirable thing againſt Scrophulæ or the Kings Evil, as alſo for all other ſordid and malign Ulcers, if wiſely uſed. Here note, that if you cannot get Salt of Holm Oak, you may uſe Sal Gem inſtead thereof.

14. *Oleum Jovis per deliquium*, Oyl of Tin by diſſolving.

℞ *Salt of Tin, abſtract often from it S.V. laſtly ſeparate the Spirit, to a moderate conſiſtency, and ſet it to Criſtalize. Theſe Cryſtals diſſolve in a cold Cellar*, per deliquium *into Oyl,*

It is the moſt noted thing in the World againſt Fits of the Mother, and Hypocondriack Melancholy, performing the Cure almoſt to a Miracle, being given inwardly in a proper Vehiculum (after due purgation) à gut. j. ad iij. or iiij. It is good alſo againſt Convulſions, Apoplexies, Epilepſies, Megrims, Vertigo's, and other Diſeaſes of the Head and Brain: but 'tis not often uſed, becauſe of the difficulty of making of it.

15. *Oleum Argenti Keſleri*, Keſlers Oyl of Silver.

℞ *Calx of Silver (made by Amalgamation of Silver,* p.j. *with Mercury* p.viij.) *cement it with Salt, which abſtract by waſhing, ſublime it* ℥j. *with Sal Armoniack* ℥iij. *do it five times, abſtract it by waſhing, ſome ſay, with ſome ſharp Liquor, as Spirit of Vinegar; (others, with Spirit of May-dew) then with highly exalted S.V. extract a blew Tincture, which inſpiſſate till it is dry, what remains will be a Salt, which in a Cellar will be Argentum Potabile, or an Oyl of Silver and*

and in about 80 *days will be fixed.*

It has all the Virtues of the Crystals of Silver, cures all diseases of the Head, and is a great specifick, for the Cure of the Falling-sickness: Dose a gr. iij ad vij.

16. *Oleum Vitrioli Drusii*, Oyl of Vitriol of Drusius.

℞ *Vitriol, melt it in a well glaz'd earthen pan, calcine it till it is red, ponder it, and moisten it with S. V. put it into an Earthen Retort that will endure the Fire, encrease the fire by degrees, till it come to the height, for* 3 *days, or until the Receiver (having been full of Fumes) becomes clear, and the Spirit or Oyl comes: then according to Art, rectify it, by separating the S.V. spirit of Vitriol, and oyl, one from another.*

It cools in all Feavers, refreshes, resists putrefaction, and the Plague, breaks, dissolves and expels the stone: dose à gut. iiij ad xvj. in any convenient Vehicle: for its other vertues, see our Dispensatory, lib. 3. cap. 11. sect. 78.

17. *Oleum Ferri per Deliquium*, Oyl of Iron by Dissolution.

℞ *Choice spirit of salt, spirit of Vitriol, A. distill them over together, looking well to the Fire, lest the glass break: in this double spirit dissolve clean filings of needles: filter the solution, put it into a Glass Cucurbit, with the head of an Alembick, to which lute a large receiver; then give fire by degrees, distill first the Flegm, then (with a stronger fire) the spirits, so long as any will come over: after which let it cool, and in the Alembick you shall find flowers, which in a cool and moist Air, will dissolve into a pure red Oyl.*

It is a secret in curing the Piles and Hemorrhoids, as also *Ficus in ano*, *Condylomata*, Clefts, and other diseases of the Fundament.

18. *Oleum Mercurii sublimati*, Oyl of Mercury sublimed.

℞ *Quicksilver well purified, sublime it from Vitriol and Niter, A. what sublimes red (and lies upon the Caput*

Mort.) *grind with as much ſublim'd Alum, then ſublime the red ☿ from the Alum, take it out, & ſublime it again by it ſelf, ſo will it be free from any ill taſte; grind it ſmall, put it on a Bolt-head, and put thereon a well prepared S. V. digeſt 40 daies, ſo will it become an Oyl: ſeparate the S V. in a gentle B. M. and the remaining Mercury diſtil in ſand with a ſtrong fire, ſo a white Juyce will aſcend, which (with that that ſticks on the ſide of the Glaſs) diſtil over by the force of the fire again, and you will have a ſweet taſted heavy Oyl, which keep for uſe.*

This is a Moſt admirable *Metallick Laudanum*, and an univerſal Medicine in the Plague, and all other Malign and Epidemical Diſeaſes. It totally extirpates and radically cures the French diſeaſe. Doſe à gut. ij ad iiij. in a proper Vehiculum, You may adminiſter it in the Gout, Sciatica and Scurvy.

℞ *Oleum Antimonij rubrum*, red oil of Antimony.

℞ *five Regulus of Antimony, grind it to a ſubtle ponder, put it in a Cucurbit, and by degrees put on it good A. R. (prepar'd with ſalt) ſo diſſolve the Antimony: when it will diſſove no more, decant it, and on the remaining part undiſſolved put freſh A. R. ſo doing till all the Antimony is diſſolv'd, then let it ſtand unmoved, and the Antimony will ſettle to the bottom of the Glaſs in a White pouder, from which decant the Water, and with other water warmed, edulcorate the pouder and dry it; being dry, put it into an Iron box, ſtop it well with a Screw, ſo that no Air may enter, keep it 5 daies in a good heat, then take it out, and you will find it red, from which with ſpirit of Vinegar extract a red Tincture: abſtract the Vinegar, and upon the remainder put S. V. rectified: digeſt in B M. then in a glaſs Retort well luted, draw a blood red Oyl, according to Art.*

It cures the Apoplexy, Lethargy, Epilepſy, Vertigo, Carus, Catalepſis, and moſt other Diſeaſes of the Head and Brain, in which it is a very great Arcanum, Doſe à gut. 4. ad x.

Oleum

20. *Oleum fœtidum Juniperi*, Stinking Oyl of Juniper.

℞ *Juniper-berries which have already yielded their Aromatick Oyl, fill with them a Stone or Glass Retort luted, put it into a heat of Sand or Ashes in a small Reverberatory Furnace, so will many white Vapours come forth, which in the Receiver will condense themselves, some into an acid Spirit, and some into a black, stinking and Caustick Oyl: ℥ xvj of Berries will yield ℥ ij. of Oyl, and ℥ xij. of this Acid Spirit: if you use fresh Berries, whose Aromatick Oyl is not yet extracted, the stinking Oyl will be double in quantity: separate by a glass Funnel the Oyl from the Acid Spirit.*

It is of singular use for the *Spina Ventosa*, or the Gangreen and rot of the Bones, for all old Ulcers, Ring-worms and the Tooth-ach; if the Tooth be hollow, dip a little Cotten therein, and stop the Tooth therewith. See my *Pharm. lib.* 4. *cap.* 3. *sect.* 24.

21. *Oleum Tartari fœtidum*, Stinking Oyl of Tartar.

℞ *White Tartar of Montpellier in fine pouder, put it into a Stone Retort, filling it up to the Neck: put it into an Ash Furnace, fit to it a Receiver, and give Fire by degrees, so will you have a white, dark vapour, which will continue all the time of the Operation. The Flegm comes first; then Tartar takes Fire and flames in the Retort; from the smoak of this Flame comes the Spirit and Oyl: continue the Fire till the Receiver is clear and cold, though a strong Fire be under the Retort: lastly, separate the Spirit from the Oyl according to Art.*

§ 1. The Oyl is stinking and Caustick, is good in a *Spina Ventosa*, for it exfoliates Bones. The Acid Spirit being rectified is good against the Gravel and Stone. § 2. By this Work it is apparent that Tartar is a very Sulphurous Salt, for that it takes Fire in the Retort, and yields a black, stinking and inflamable Oyl. § 3. One pound of Tartar

will yield about ℥x. of Spirit with its Flegm; ℥ij. of Oyl, and ℥iiij. of black Fæces in the Retort. § 4. These black Fæces being dissolved in Water, filterated and coagulated, yield above ℥iij. of most pure Salt of Tartar. See my *Pharmacopœia, lib. 4. cap. 3 sect. 41.*

22. *Oleum ex corticibus Limonium*, Oyl of Limon-Peels.

Is is drawn as is that of Oranges, which we have taught in Our Pharmacop. Londinensis, *lib 4. cap. 3. sect. 2. Which see in the place cited.*

It is an excellent Cephalick, Stomatick and Hysterick; is good against all cold and moist Diseases of the Brain, Nerves and Joynts: it eases pains in any part, coming from a cold cause, stops rheums, gives ease in the Chollick, expels Wind, and comforts and revives all the spirits, Natural, Vital and Animal; fortifies the Heart, causes a good Digestion, and strengthens all weakned resolved and paraliytck Members. Dose inwardly à gut. ij. ad viij. being first dropt into Sugar, and well mixed therewith, and then mixed with a Vehicle proper to the same purpose. Outwardly, you may mix it with equal parts of Oyl of Sweet Almonds, and so anoint therewith the places affected: but beware that there be no inflamation on the part.

CHAP. IV.

Of BALSAMS *Distilled.*

1. BAlsamum à Mesue, A Balsam invented by Mesue.

℞ *Choice Myrrh, Aloes Hepatick, Spikenard, Sanguis Draconis, Frankincense, Mummie, Opoponax, Bdellium,*

lium, Carpobalſamum, Ammoniacum, Sarcocolla, Saffron, Maſtich, Gum Arabick, liquid Storax, A. ℥ij. *Labdanum, Caſtoreum, A.* ℥iſs. *Moſch* ℈ ſs. *Turpentine* ℥iiij ſs. *let the dry Gums be beaten, Macerated and diſſolved as much as may be in Wine, then mixed all together with the Turpentine: this whole mixture is to be put into an Alembick: diſtil at firſt with a gentle fire, and then increaſe it by degrees, ſo will you have firſt a thin Liquor, then a thick reddiſh, yellowiſh Balſam: and from the Colophony by a Retort, a red Balſam.*

Now here is to be noted, § 1. That the Balſam will be ſo much the better if you put in Burgundy Pitch inſtead of the Gum Arabick. § 2. That the Moſch will be much better, to be reduced in a ſubtill pouder, and then mixed with the yellow Balſam, becauſe that ſo great a heat as is required to the diſtillation hereof will much alter it, both in virtue and ſcent. § 3. That both the yellowiſh Balſam and the Red, diſtilled by a retort, are both of one nature, ſave that the firſt is the moſt pleaſant both for color, ſmell and conſiſtency, and has the greateſt volatility in it. § 4. It is highly Celebrated for all affects of the Nerves, mightily ſtrengthens them. It takes away the coldneſs of any part, and excites and comforts the native heat, adding ſtrength to the ſame; being anointed upon the Back bone, it cures the Palſy, and helps Cramps and Convulſions, being applyed to the place. It cures ſuch as are taken Dumb, if a little of it be put into the Ears, put up the Noſtrils, and held under the Tongue. *Vocatur hoc Balſamum à Petro Apponenſi* Medicamentum omnium Medicamentorum *in celeri cordis roborative & virium reſtitutione.*

2. *Balſamum Hollerij*, Hollerius his Balſam.

℞ *of the whiteſt Frankincenſe, Maſtich, A.* ℥ij. *Lignum Aloes* ℥j. *Caryophyllorum, Galangal, Cinnamon, Zedoary, Nutmegs, Cubebs, A.* ℥vj. *Myrrh, Aloes,*

Labdanum, Sarcocol, Caſtoreum, A. ʒſs. *Bay-berries, Pine Nuts, A.* ʒvj. *roots of Orrice, round Birth-wort, Dittamnus, Comfrey, A.* ʒj. *Gum Elemi, Opoponax, Benjamin, A.* ʒij. *Juyces of Chamepitys, of Cowſlip-leaves, A.* ʒijſs. *Turpentine* ʒxxviij. *let all be incorporated and diſtilled in an Alembick, ſo will you have firſt a Water, then an Oyl, and laſtly a Balſam like Honey.*

This Balſam is commended by its Author *Hollerius*, for all weakneſſes of the Nerves, Numbneſs, Cramp, and Convulſions: it alſo excites the native heat in any part, and has the Virtues of the former.

3. *Balſamum Vulnerarium Horſtij*, Horſtius his Vulnerary Balſam.

℞ *Venice Turpentine, and Turpentine of the Fir-tree, A.* ʒiij. *Gum Elemi, Olibanum, A.* ʒij. *Aloes Hepatick, Myrrh, Maſtich, Benjamin, fine Bole, Sanguis Draconis, A.* ʒſs. *Aqua Vitæ* ʒiiij. *all being bruiſed and mixed together, diſtil by a Retort, ſo ſhall you have an excellent Balſam.*

This Balſam yields to no other in filling Wounds with Fleſh, and conſolidating of them: it ſtrengthens the Nerves, and comforts the internal heat of the part, healing up the Wound without any Scar.

4. *Balſamum Hyperici mirabile*, Wonderful Balſam of Hypericon.

℞ *flowers and leaves, or the tops of Hypericon, flowers and leaves or grains of Tutſan or Park leaves, tops of Oak of Jeruſalem, leaves of ground Ivy, A.* Mij. *both kinds of Sage Chamepitys, A.* M ſs. *white Wine* ℔vj. *Turpentine* ℔j. *Manna of Frankincenſe, Myrrh, Maſtich, A.* ʒiiij. *liquid Storax, and Storax Calamita, A.* ʒij. *put all into a Copper Veſica, with its refrigeratory or worm: digeſt three days, then diſtil as you diſtil Oyls of Wormwood or Turpentine, ſeparating the differing parts according to Art.*

It is an admirable Balſam in curing all manner of Wounds

Wounds, eaſing all ſorts of pain, coming of cold, as Cramps, Convulſions, cold Gouts, the Cholick, and other like diſaffects coming from frigidity: it is good in the reſolution of the Nerves, and wonderfully ſtrengthens them. Inwardly ad gut. vj. it is good againſt Stone and Gravel.

5. *Balſamum Vulnerarium de Evonymi*, The Vulnerary Balſam of Evonymus.

℞ *Turpentine* ℥ſs. *Olibanum* ℥vj. *fine Aloes, Maſtich, Galangal, Cinnamon, Saffron, Nutmegs, Cloves, Cubebs, A.* ℥j. *Gum of Ivy* ℥ij. *powder and mix with Turpentine, put them into a glaſs Alembick, to which add Camphir, Ambergriſe, A.* ℥ij. *diſtil with a gentle fire, firſt a white and clear water will come over, ſecondly a yellow Oyl, thirdly, a Saffron-colored Balſam, which is the thing deſired.*

It will be better in the diſtillation, that the Camphir and Ambergriſe be ſo contrived that they may hang in the Beak of the Alembick, for by that means the Water, Oyl and Balſam, will ſmell much more pleaſant and ſtrong. The Water comforts the internal parts, expels Wind, and is good againſt Fits of the Mother. The Oyl and Balſam are of the ſame nature, ſave the Oyl is the more pure and ſubtil ſubſtance, and may be given in any fit vehicle, in all cold and moiſt Diſeaſes of the Head. The Balſam is a moſt perfect Cure for all wounds and Ulcers, hollow Fiſtula's and running Sores cleanſes them, and fills them up with Fleſh: It cures ſimple Wounds at once dreſſing: it reſtores Paralytick Members, and weak Nerves only by anointing therewith.

6. *Balſamus ad Paralyſin*, The Balſam againſt the Palſy.

℞ *Nutmegs, Mace, Storax, A.* ℥j. *Benjamin,* ℥ſs. *Turpentine* ℔ij. *Tiles quenched in Oyl of Jeſſima*, q.s. *mix and diſtil by an Alembick; ſo have you Water, Oyl and Balſam: which laſt is the thing we intend.*

It is ſaid to be an excellent thing againſt the Palſy, the part being anointed therewith, and then bound up with a Hare or Coney-Skin.

7. *Balſamus Odontalgicum Dorncrelij.* A Balſam againſt pain of the Teeth.

℞ *Species Diambræ, Opium, Ā.* ʒj. *Camphir, inſpiſſate juyce of Hen-bane, Ā.* ʒij. *Oyl of Cloves* ʒiiſs. *Oyl of the wood of Hazle Nut-tree* ʒij. *Oyl of Nut-megs* ʒj. *mix and make a Balſam.*

It is powerful againſt the pain of the Teeth, if the Teeth be hollow, let it be put into the hollowneſs, if not, let it be held in the Mouth againſt the part affected.

CHAP. V.

Of POWERS.

I. BEfore we enter upon the deſcribing of particular Recipe's, we think it neceſſary to tell you what the Poteſtates or Powers of Medicaments are: And theſe we delare to be the Eſſential, Subtil, and Etherial part of any mixt Body, freed from all its terreſterity or filth, and exalted to the higheſt degree of Purity; in that the whole and entire Eſſence or Being, with all the Powers of any ſimple Body, as Salt, Oyl and Spirit, are not only perfectly elucidated, but keep compleated united in one ſimilar, or ſimple and congenerous ſubſtance or body. II. Theſe are indeed the true Eſſences of thoſe things from whence they are drawn, which Eſſence is enough known (to the ſtudious in Nature) to be envolved, not in any one of the principles alone, but in all the three, *viz.* the Salt, Oyl and Spirit equally. III. To this kind of Medicaments, the Ancients gave the

the name of Quinteſſence, but very improperly; forasmuch as things are ſo far from having a fifth Eſſence or Being, that the wiſeſt of Mortals have not yet found out a ſecond, unleſs they will attribute it to the form and ſtate of their Being: which if ſo, it is but the firſt Ens, Eſſence or Property, appearing in a new, more glorious and illuſtrious ſtate, condition, form or appearance, wherein it is made free from all its bondage, filth, corruption, putrefaction, and decaying properties. IV. And this firſt Ens, Eſſence or Being, which is conſtituted of the Salt, Oyl and Spirit (in which all the forces or powers of the whole, are concentrated) being made one pure, ſimple, and united ſubſtance, is that which we call the Poteſtates or Powers of Medicines, becauſe therein all their Powers are included; but others call them Eſſences and Quinteſſences. V. Now that we might not confound things, we ſhall deliver firſt the Poteſtates or Powers of ſimple Vegetables by themſelves; afterwards the Quinteſſences and Eſſences of diverſe learned men, wherein although we ſhall impoſe the name of Powers upon all the firſt inſtitution; yet we ſhall not alter the Appellations of thoſe other things, but retain them under the names and ſenſe of their Authors.

1. *Poteſtates Abſinthii*, The Powers of Wormwood.

The Powers of Wormwood are made as the Quinteſſence of Mint, in Our Pharmacop. Londinenſ. Lib. 4. Cap. 5. Sect. 32. *to which we refer you.*

The Virtues of the Powers of Wormwood are many, the conſtant uſe thereof preſerves Health to old Age: It ſtrengthens and fortifies the Stomach to a Miracle, and ſtops Vomiting, when no other thing in nature will do it. It cauſes a good Appetite, ſtrong Digeſtion: opening all Obſtruction of the Ventricle: and by reaſon of the affinity the Stomach has with the Brain, becauſe of the Nerves proceeding from the

par-

par vagum, and ſome other Veſſels, it ſtrengthens all the other parts of the Head and Brain, and in oppoſition to an old Womans Fable, preſerves the ſight intire to the height of old Age. It ſtrengthens the Liver and Spleen, corrects all cold and moiſt intemperatures of the whole Body, and is of excellent uſe in Dropſies of all ſorts. Doſe morning, noon and night à gut. xx. ad xxx. in a glaſs of choice Canary.

2. *Poteſtates Angelicæ*, The Powers of Angelica.

They are made like the Powers of Wormwood.

Its a mighty great Cordial, Alexipharmick and Counter-poyſon; it reſiſts and roots out the eſſence of all Poyſons, chiefly thoſe of the Plague and Peſtilential Diſeaſes: comforts the Heart in all manner of Feavers, corrects and deſtroys the poyſon and venom of their malignity. Its good in fainting and ſwoonings, in all manner of illneſs of the Stomach, prevails againſt Palpitation of the Heart and Trembling, gives eaſe in the Chollick, expels Wind powerfully, cheares the Heart, revives the Spirits Natural, Vital and Animal; gives comfort and ſtrength to the whole univerſal man: Its of known uſe againſt the bitings of mad Dogs, Serpents, and all other venemous Creatures. It expels Melancholy, ſtrengthens the Brain; takes away Eluſions and Phantaſms of the mind; is good againſt all putrid and intermitting Feavers whatſoever. Doſe ad ℈i. or more in good Canary.

3. *Poteſtates Gummi Ammoniaci*, The Powers of Gum Ammoniack.

They are made as is the of Myrrh, in Our Pharmac. Londinenſis. Lib. 4. Cap. 5. Sect. 30.

Given inwardly in Wine, it opens all Obſtructions of Liver, Spleen and Meſentery: it diſſolves hard and Scirrhus Tumors of thoſe parts, removes all ſtubborn viſcoſities of the Lungs: It is a kind of pectoral, eſpecially if it be given with Spirit

Sal Armoniack, for thereby it opens Obſtructions with ſo mighty a power, that ſcarcely any Diſeaſe proceeding from them can withſtand its force. Its good for ſuch as are in Travel, facilitating both Birth and After-birth: It is commended to all Splenetick perſons, as a Jewel. Outwardly bathing therewith it mollifies and diſſolves all hard knobs, & gummoſities upon the joynts of the Fingers, Toes and other parts. Inwardly it may be taken from gut. xij. ad xx. or more in Wine. It may alſo be given in fits of the Mother, à ℈ ad ℈ij. Some ſay this Medicine is a Specifick in the Kings Evil, being uſed outwardly and inwardly.

4. *Poteſtates Anethi*, Powers of Dill.

They are made as the Quinteſſence of Aniſeeds, in Our Pharmacopœia Londinenſis: Lib. 4. Cap. 5. Sect. 3.

They expel Wind, comfort the Stomach, eaſe pains of the ſides and Bowels, are prevalent againſt the Chollick, and powerfully ſtop Vomiting: They are good to diſſolve and expel the Stone and Gravel, open Obſtructions of the Reins and Bladder, and force away Urine: they are alſo good againſt Obſtructions of the Spleen, take away its hardneſs, and eaſe pains thereof: They comfort all places and parts afflicted with Diſeaſes proceeding from a cold and moiſt habit of body, whether inwardly given, or outwardly applyed. Doſe à ℈j. *ad* ℈ij. in any fit Vehicle.

5. *Poteſtates Baccarum Juniperi*, Powers of Juniper-Berries.

They are made as the Powers of Aniſeeds and Winter-Cherries, mentioned in Our Pharmacopœia Londinenſis, Lib. 4. Cap. 5. Sect. 3. 22.

Powers of Juniper-berries are of admirable uſe in the Stone and Gravel, eaſing all manner of pains, and opening all manner of Obſtructions in the Reins, Ureters and Bladder, are prevalent againſt the Chollick, and all Diſeaſes proceeding from Wind

Wind in the Bowels. They ease an afflicted Stomach, comfort all the Viscera, remove all the Stoppages of the Liver and Spleen: I have known the use hereof to cure a Scirrhus of the Liver (one that might outwardly be felt, of an eminent largeness) after other Medicines had been long used in vain: many learned Physicians have found by experience, that they cure the Scurvy; and I know by my own experience, that they cure Asthma's, Coughs, difficulty of Breathing, shortness of Breath, and other the like cold and moist Diseases of the Lungs. Outwardly being bathed therewith they help coldness of the Limbs, Numbness, Palsies, and the Cramp, though never so violent. Dose taken inwardly a gut. xx. ad xxx. in Canary, or Rhenish Wine.

6. *Potestates Baccarum Lauri*, Powers of Bay-berries.

They are made as the Powers of Juniper Berries, save that they are not so thick, nor so acrid, but the Ferment-

ration, by the addition of Rhenish Wine, then proceed in all respects as if they were Juniper-berries.

These have all the Virtues of the former, and in the Opinion of the most Learned men, much transcends in strength all the Operations of Juniper-Berries: moreover these are an admirable Cephalick and Hysterick, they cure old Diseases of the Brain, as old Colds, pituitous Head-Achs, Apoplexies, Epilepsies, Megrims, Palsies, Catus, Lethargy, Convulsions, &c. Outwardly you may bathe the Head therewith, or any other cold part affected therewith. It is prevalent against all cold Gouts and Rheumatisms. It a singular expedient against the Wind Cholick; and some say, in that respect out-does all other Medicaments. It cures all Fits of the Mother, all manner of vapours and strangulation of the Womb: it cleanses, warms and comforts that part. It causeth Fruitfulness, and takes away the worst of Barrenness, whether in Men or Women, according

cording as the Cauſe may be. Doſe *à* gut. xv. *ad* xxv. in choice Wine.

7. *Poteſtates Chamæmillæ*, Powers of Camomil.

They are made as thoſe of Angelica, Wormwood and Mint.

Their Vertues are tranſcendent in eaſing all manner of Pains of the Head, Stomach, Belly and extream parts. They are good againſt fainting and ſwooning Fits, weakneſs of Stomack, and loſs of Appetite, and therefore they are for the moſt part mixed with thoſe things which warm and comfort the Stomach, and ſtrengthen the digeſtive Faculty. They cure all cold Diſeaſes of the Head, but of the Womb more eſpecially: they provoke Urine, and are ſaid to expel the Stone and Gravel; by ſome they are eſteemed a ſpecifick in the Cure of Agues of all ſorts, and for that cauſe ſake, the *Ægyptians* dedicated the Herb to the Sun. It's prevalent againſt Fits of the Mother, and Vapors aſcending from the Womb, and other cold paſſions and affects of that part. Doſe à gut. xx. ad xxx. in any convenient Liquor.

8. *Poteſtates Cranij Humani*, Powers of Mans Skull.

They may be made as the Quinteſſence of Hartshorn, mentioned in Our Diſpenſatory, Lib. 4. Cap. 5. Sect. 16. *if you deſign it as an Antidote againſt Plague and Poiſon: but if againſt Diſeaſes of the Head, as the Epilepſy,* &c. *as you make the Quinteſſence of Elks-hoofs, mentioned in the Book aforecited.* Lib. 4. Cap. 5. Sect. 47. *Or, as you make the Quinteſſence of a Deers-head, hereafter in this Chapter declared.* Or, as the Quinteſſence of Mans Bones, at Sect. 44. following.

The great intention of this Medicament is to cure the Epilepſia, or Falling-Sickneſs, whether in old or young, for which without doubt it is an excellent thing; it cures moſt other Diſeaſes of the Head proceeding from cold, and moiſture, as Apoplexies, Coma, Carus, Lethargy, Palſies, *&c.* It may be given to

to Children à gut. j. or ij. ad jv. or vj. according to Age and Strength, but to such as are grown to Men and Womens estate a gut. xvj. ad xxx. or more, it may be given in black-cherry or Tile flower-waters, or in water of Lilly Convally, or Peony Water; let it be taken in the morning fasting, or if it may be rather before day; and last at night going to Bed, and to be continued for a Month; afterwards upon the intermission of the Fits, you may only give it about the Full and Change, and lastly once a quarter.

9. *Potestates Carui*, Powers of Carraway-seeds.

They are made as Powers of Aniseeds and Dill aforegoing.

This Medicine is a powerful Carminative or expeller of Wind, and commonly gives present ease in the most intollerable Cholick: it opens all Obstructions of the Reins and Ureters, provokes Urine, expels the Stone and Gravel, and warms and comforts a weak and enfeebled Stomach. It opens Obstructions of the Womb, and causes a cleansing of those parts; it also facilitates the bringing away the Birth and After-birth, and remits the after pains, inwardly given and outwardly applyed to the part pained: Dose à ℈j. ad ℈ss. or more in Rhenish Wine or Canary.

10. *Potestates Cymini*, Powers of Cummin-seeds.

They are made as are those of Anise, Dill and Carraways.

They are Cephalick, Pectoral, and Carminative, are good against Coughs, Colds, Ulcers in the Lungs, Asthma's, shortness of Breath, stinking Breath, Pleurisies, Stitches, pains of the Stomack and Sides: They attennuate thick and gross humors, digest crudities, and dissolve swellings. They are profitable against the Head-ach, Megrim, Vertigo, &c. Open Obstructions in the Stomach, Belly, Reins, Ureters and Womb, and may be given a gut. xvj. ad xxx. in a glass of Rhenish Wine.

11. *Potestates ex Corticibus*

ctrus Citri, Powers of Citron Peels.

They are made as the Powers of Orange and Limon-Peels.

They are Cephalick, Cordial and Hysterick, comfort a weak Head and Womb, and are profitably given in all cold Diseases of those parts, moreover they resist Poyson, and prevail mightily against the Plague and all other Malign and Pestilential Diseases, given in proper Vehicles, according to Age and Strength. They are also beneficial against the bitings of Serpents, Mad-dogs, and other venomous Beasts; they revive the Spirits, refresh weakned and decayed Nature, and comfort all the parts of mans Body, from Head to Foot. Dose *a* gut. xx. *ad* xxx. in a fit Vehicle.

12. *Potestates Feniculi sem.* Powers of Fennel-seeds.

They are made as those of Anise, Dill, Caraways and Cummin.

This Medicament is an excellent Pectoral and Carminative, and is mighty prevalent against all Diseases of the Breast and Lungs; for it opens obstructions powerfully, and almost insensibly Dissolves all cold coagulations of those parts, it sweetens the sharpness of Humors, is profitable in a Catarrh, and in the most vehement Coughs, Wheezings, Shortness of Breath, and other stoppages of those parts. It has been found by Experience to be good against Pleurisies, pain and stitches of the Side, the Cholick, and all windy Eruptions in any part of the body; Moreover in After-pains there is not many better things: It is good in all Gripings, Fluxes, bloody-Fluxes, Lienteria's and Diseases and weaknesses of the Bowels proceeding from wind, cold or any sharp and corrosive humor: It is also an admirable thing to be given after violent purging, because it pleasantly (as it were) heals the Bowels: moreover, if mix'd with any purge it makes it work without griping: and where any purge works too much, it restrains it, and hinders its virulency: the

the powers of these Seeds are indeed inferiour to few Medicaments, and do much in some of these cases transcend those of Anniſe, Cumin or Carawayes: you may uſe them outwardly to any Ach, pain, lameneſs or numbneſs proceeding from Cold, by bathing the place therewith: and inwardly you may give them in choiſe Canary, from gut. *xx* to ℈ij or ℥j, as oft as need requires.

13. *Poteſtates Guajaci*, Powers of Guajacum.

This Medicine is made as the Powers of other ſimples by a conjunction of the Salt, oyl and ſpirit, freed from all filth and terreſtreous matter.

The Virtues are the ſame with that of the wood, ſave the Powers act more freely ſubtilly and effectually, and ſo conſequently more ſpeedily; They are reported perfectly to cure the Pox, and all its attendants alone; however it is certain they will do whatever the wood can do in decoction or otherwiſe: becauſe here you have the wood reſolv'd, and the Powers and Eſſential Virtues only ſeparated and freed from thoſe heavy chains and bands of Corporiety, with which formerly they were clogged; you may give from gut. *x.* to *xx. xxx.* or more, as the Patient can bear it, in ſmall Ale, and that as often as the Patient drinks it. But becauſe it is a very hot and drying Medicament, you ought to be cautious to whom you uſe it, eſpecially for any time, leſt it brings upon them an Incurable Conſumption, for it dryes exceſſively, and ought to be uſed chiefly in cold, moiſt, watery, flegmatick, and hydropick Bodies, in whom it may prove a medicament of admirable Succeſs. It is alſo good in all cold and moiſt Catarrhs; but the prudent Phyſician ought to beware that he gives it not too long, but rather by Intervals, leſt thereby he ſhould over-dry the internal *Viſcera*, and thereby commit an Error not to be amended.

14. *Poteſtates Limonium*, Powers of Lemmons.

They are made as are thoſe

those of Orange and Citron-Peels.

This Medicine is an admirable Cephalick and Cordial, in so much that it has very few equals in the whole Art of Medicine: it strengthens the Brain in all its faculties, comforts and warms it: It is prevalent against the Head-ach and Megrim from a cold Cause; as also against the Lethargy, Carus, Apoplexy, Epilepsy, Palsy, and all cold and moist Diseases of the Nerves: being 4 or 5 times bathed upon the place where the Cramp comes, it infallibly cures it. It comforts the heart, and is prevalent against Fainting and swooning fits, takes away illness and sickness at stomach, strengthens and fortifies it, and causes a good Digestion: It is also very good to expel wind, and gives ease in the most exquisite pains of the Cholick in a Moment: you may give it from gut. xvj ad xxx. or more, according to the Age and Strength of the sick: and it may be exhibited in a glass of Canary, or of Rhenish Wine and Sugar, Morning and Evening; or in the time of any Paroxism or fainting; it gives as it were immediate relief.

15. *Potestates Lavendulæ*, Powers of Lavender.

This Medicament is prepared as are the Quintessences of Bawm and Mint, but with the Addition of a little S. V. rectified, by reason of its dryness.

It is a famous Cephalick, Cardiack, and Hysterick: it is singular good against most cold and moist Diseases of the Head and Nerves: it helps Catarrhs, Palsies, Cramps, Tremblings, Megrim, Leprosies, expells wind, and gives immediate ease in the Cholick; It expels Urine and the Terms, and, if given in Travel, brings away both Birth and Afterbirth. It helps the Epilepsy and Fits of the Mother, warms the Coldness and Numbness of the Limbs and Joynts, eases pains of the Head and Womb by bathing therewith: Dose inwardly gut. *xx.*

16. *Potestates Masticbinæ*, Powers of Mastich.

They are made in the same manner as are those of Myrrh.

This Medicament strengthens a weak Stomach, expels wind, and helps the Cholick: it fortifies a weak head and brain, refreshes the Liver, strengthens the Nerves; stops vomiting and fluxes, helps incontinency of Urine, eases pain, softens hard and scirrhus Tumors, is prevalent against fluxes of the Womb, and all other weaknesses of those parts: annointed on the part afflicted, and also taken inwardly. Dose à ℈j ad ʒs.

17. *Potestates Majoranæ*, Powers of *Sweet-Marjoram*.

They are made as those of Bawm and Mint.

This Medicament has a Fragrancy scarcely to be exceeded: it is a mighty Cephalick and Cordial, and performs all that the Powers of Rosemary, Lavender or Sage can do: It cures all cold and moist Diseases of the head, strengthens the Memory beyond measure, fortifies the Brain and animal spirits; and dryes up the humidities of the head most effectually; so that 'tis thought not to be inferior to any one thing whatsoever in the cure of the Epilepsy or Falling-sickness, the Apoplexy, Lethargy, and such other like Diseases of that part. I have known inveterate Headachs proceeding from a cold & moist cause cured hereby; and a certain Gentlewoman after many things had been used in vain, for many months, and that by the Advice of several learned men, for a most intollerable and violent pain of the head had remedy hereby, being at last advised to the use hereof by a Neighbour, who had found relief therefrom in like case: she bathed the part pained and her nostrils therewith, and snufft it also up her Nostrils: taking some few drops inwardly in a glass of wine. Dose from ℈j ad ʒs.

18. *Potestates Origani*, Powers of Origanum.

They

They are made as the former.

This Medicine powerfully expels wind and gives ease in the Cholick, provokes Urine and the Terms, and facilitates both Birth and After-birth: it helps forward the curing of Wounds and old Ulcers, whether inward or outward: and expels the Poyson in such as are bit by mad Dogs or other venomous Beasts: It is very profitable against the Poison of Opium, and against all cold and moist affects of the Brain and Nerves, as Epilepsies, Apoplexies, Lethargy, Carus, Palsy, Headach, Megrim, &c. It strengthens the Stomach to a Wonder, stops Vomiting, helps Digestion; prevails against Catarrhs, and is an admirable thing in fainting and swooning Fits; comforts the heart, revives the Spirits, and restores in Consumptions. It is said to prevail against Dropsies, old Coughs, Asthma's, Scabs, Itch, Scurvy, and yellow Jaundice. It opens Obstructions of Liver and Spleen: it strengthens and fortifies the Womb, and is good against Fits of the Mother; moreover it is an Antidote against all manner of Vegetable and Animal Poysons: Dose à gut. *xvj* ad *xxx*, in any proper Vehicle.

19. *Potestates Pulegii, Powers of Penny-royal.*

They are made as are those of Marjoram, and Origanum.

It is a Medicament of most subtil parts; it attenuates, opens, cuts, dissolves, provokes Urine, expels Gravel and Stone, brings down the Terms, and is good to bring away the dead Child and After-birth: it is profitable against the Dropsy and Jaundice, gives ease in the Cholick; is pectoral, opens Obstructions of the Lungs, and is good against Colds, Coughs, Asthma's and difficulty of Breathing. It is also prevalent against the Falling-sickness, Apoplexies, Palsy, Convulsions, Pains of the Head, Megrim, Leprosy, *&c.* Dose a gut. *xvj.* ad *xxjv* or *xxx.* in any convenient Vehicle. outwardly, being bath'd with, it eases all manner of Pains

and Cramps coming from a cold Cauſe. The Gout and other Pains of the Joynts.

20. *Poteſtates Roſmarini*, Powers of Roſemary.

They are made as are thoſe of Lavender, &c.

This is a Medicine of wonderful Vertues, nor do I know how to praiſe it enough; my perpetual converſation in the uſe thereof has given me a large ſatisfaction as to its Virtues, and that its above the ordinary Force of other Remedies. It prevails againſt all cold and moiſt diſeaſes of the head, heart and womb, and is indeed an admirable Counter poyſon: It is admirable againſt Head-achs, Megrims, Carus, Lethargy, Epilepſy, Convulſion, Palſy, dimneſs of ſight; it comforts the head, revives the Spirit, cures a ſtinking Breath, opens obſtructions of the Liver, Spleen and Womb, and is an excellent thing againſt the Jaundice: its good againſt the moſt vehement Catarrh, cold Rhumes, windy Gouts, Rhumatiſms, Cholick, Griping of the Guts, and wind in any part, it provokes Urine and the Terms, facilitates both Birth and After-birth. It warms, dryes and comforts the Brain, quickens the ſenſes, cauſeth watchfulneſs, and takes away dulneſs, drouſineſs and ſleepineſs: it ſtrengthens the nerves powerfully, and is ſaid to be a ſpecifick in the cure of the Palſy, Cramp, yellow Jaundice, and a ſtinking Breath. It preſerves health, and keeps back old age. Doſe à ℈j ad ʒſs.

21. *Poteſtates Rhodij*, Powers of Rhodium.

They are made by a conjunction of ſalt, oyl and ſpirit, in one compleat Body, as we have often taught in other places.

This Medicine is not only a ſingular perfume, but is alſo of great Power againſt all cold and moiſt Diſeaſes of the Head and Brain; and powerfully opens Obſtructions of the Reins, Ureters and Bladder. It is good againſt Palſies, Convulſions and Epilepſies, provokes Urine and expels the Stone and Gravel, more eſpecially if they lodg in

in the Kidneys. It eaſes all manner of Pains proceeding of Cold in any part of the Body; more eſpecially the after-pains of a Woman in Labor. Doſe à ℈j ad ℈ij in Rheniſh wine ſwetned with Sugar: outwardly, for pain you may bath therewith.

22. *Poteſtates Rutæ*, Powers of Rue.

They are made as the Powers or Quinteſſence of Time.

This Medicine is an Antidote againſt all manner of Poyſon of what nature, kind or quality ſoever. It is good againſt the bitings of mad dogs, ſerpents, and of all venomous Creatures. It is an obſolute Antidote againſt the Malignity and poiſon of the Plague, and all other kinds of malign Feavers; for it overcomes the power of their Venom to a Miracle: and not only ſo, but is alſo an excellent preſervative in all infectious times and places. It is prevalent againſt the Pleuriſie, eaſes pains of the head, ſides, and of the Cholick: its good in Surfeits, provokes Urine and the Terms, facilitat's both Birth and After-birth, gives eaſe in After pains; and is an admirable thing againſt fits of the Mother: it attenuates thick humours, digeſts crudities, warms the Stomach, reſiſts Poyſon, expels wind, and helps ſtoppages in Urine: it provokes Sweat, and has been ſucceſsfully given againſt Agues: Outwardly you may bath the back, and other parts pained therewith, as in Headachs, Megrims, Vertigo's, *&c.* Doſe ad ℈j, in ſome convenient Liquor.

23. *Poteſtates è Saſſafras*, Powers of Saſſafras.

They are made as are thoſe of Rhodium.

This is a Medicament tranſcending moſt of like kind yet known in the World, and, except the *Poteſtates Roſmarini*, I know nothing to compare herewith; I have uſed it with Succeſs (and do daily) in all cold and moiſt Diſeaſes of the Head, Brain and Nerves; wherein it has done wonders. It is powerful againſt the Headach, Megrim, Vertigo, Lethargy, *&c.*

and Cramps coming from a cold Cauſe. The Gout and other Pains of the Joynts.

20. *Poteſtates Roſmarini*, Powers of Roſemary.

They are made as are thoſe of Lavender, &c.

This is a Medicine of wonderful Vertues, nor do I know how to praiſe it enough; my perpetual converſation in the uſe thereof has given me a large ſatisfaction as to its Virtues, and that its above the ordinary Force of other Remedies. It prevails againſt all cold and moiſt diſeaſes of the head, heart and womb, and is indeed an admirable Counter poyſon: It is admirable againſt Head-achs, Megrims, Carus, Lethargy, Epilepſy, Convulſion, Palſy, dimneſs of ſight; it comforts the head, revives the Spirit, cures a ſtinking Breath, opens obſtructions of the Liver, Spleen and Womb, and is an excellent thing againſt the Jaundice: its good againſt the moſt vehement Catarrh, cold Rhumes, windy Gouts, Rhumatiſms, Cholick, Griping of the Guts, and wind in any part, it provokes Urine and the Terms, facilitates both Birth and After-birth. It warms, dryes and comforts the Brain, quickens the ſenſes, cauſeth watchfulneſs, and takes away dulneſs, drouſineſs and ſleepineſs: it ſtrengthens the nerves powerfully, and is ſaid to be a ſpecifick in the cure of the Palſy, Cramp, yellow Jaundice, and a ſtinking Breath. It preſerves health, and keeps back old age. Doſe à ℈j ad ℈ſs.

21. *Poteſtates Rhodij*, Powers of Rhodium.

They are made by a conjunction of ſalt, oyl and ſpirit, in one compleat Body, as we have often taught in other places.

This Medicine is not only a ſingular perfume, but is alſo of great Power againſt all cold and moiſt Diſeaſes of the Head and Brain; and powerfully opens Obſtructions of the Reins, Ureters and Bladder. It is good againſt Palſies, Convulſions and Epilepſies, provokes Urine and expels the Stone and Gravel, more eſpecially if they lodg in

in the Kidneys. It eases all manner of Pains proceeding of Cold in any part of the Body; more especially the after-pains of a Woman in Labor. Dose à ℈j ad ℈ij in Rhenish wine sweetned with Sugar: outwardly, for pain you may bath therewith.

22. *Potestates Rutæ*, Powers of Rue.

They are made as the Powers or Quintessence of Time.

This Medicine is an Antidote against all manner of Poyson of what nature, kind or quality soever. It is good against the bitings of mad dogs, serpents, and of all venomous Creatures. It is an obsolute Antidote against the Malignity and poison of the Plague, and all other kinds of malign Feavers; for it overcomes the power of their Venom to a Miracle: and not only so, but is also an excellent preservative in all infectious times and places. It is prevalent against the Pleurisie, eases pains of the head, sides, and of the Cholick: its good in Surfeits, provokes Urine and the Terms, facilitat's both Birth and After-birth, gives ease in After-pains; and is an admirable thing against fits of the Mother: it attenuates thick humours, digests crudities, warms the Stomach, resists Poyson, expels wind, and helps stoppages in Urine: it provokes Sweat, and has been successfully given against Agues: Outwardly you may bath the back, and other parts pained therewith, as in Headachs, Megrims, Vertigo's, *&c.* Dose ad ℈j, in some convenient Liquor.

23. *Potestates è Sassafras*, Powers of Sassafras.

They are made as are those of Rhodium.

This is a Medicament transcending most of like kind yet known in the World, and, except the *Potestates Rosmarini*, I know nothing to compare herewith; I have used it with Success (and do daily) in all cold and moist Diseases of the Head, Brain and Nerves; wherein it has done wonders. It is powerful against the Headach, Megrim, Vertigo, Lethargy, *&c.*

being given inwardly, and outwardly applyed: In Diſeaſes of the head, you may bath the part affected therewith morning, noon and night: let ſome ſmall quantity be drawn up the noſtrils, and give it inwardly in a few drops in any proper Liquor: I know no ſimple Medicine ſo abſolutely pow'rful againſt moſt diſeaſes of the Head, except the *Poteſtates Roſmarini* aforementioned: And indeed this performs all that they do, and in ſome few cauſes more powerfully: I have uſed it more than a thouſand times with an abſolute Succeſs, and therefore cannot but commend it in all the caſes aforementioned, or wherein the Powers of Roſemary may be uſed. It is an Antidote againſt Poyſon, the biting of mad dogs, Serpents and other venomous Creatures: It prevails againſt the malignity of the Plague, and all other malign Feavers. It attenuates thick humours, opens Obſtructions, diſcuſſes and expels wind, provokes ſweat powerfully; and is a great Alexipharmic in the French Pox, and may be taken daily in drink after the manner of Diet, performing thereby more than any Guajacum diet can do, and is eſtimated by many learned Phyſicians as a ſpecifick againſt that Diſeaſe, its Symptoms, and other Corruptions of the humors. It is ſaid to cure Barrenneſs in male or female, if there be not a defect of the parts, &c. It is good againſt Epilepſies, Convulſions, Palſies, Cramps, Gouts, defects of Eye-ſight, becauſe it warms, ſtrengthens and comforts even every part of mans Body. It cures a ſtinking breath, and helps in moſt diſeaſes of the Lungs, by opening of their obſtructions. It is prevalent againſt Catarrhs, cold Rheums, and Rheumatiſms or running Pains all over the whole Body, being inwardly taken, and outwardly apply'd to the part grieved: you may give it in Canary or other fit Liquor à *gut.* xvj ad xxx. I who uſe it dayly, have a ſufficient Experience of its Virtues, but cannot ſufficiently commend it, or give it its due praiſe.

24.

24. *Poteſtates Sagapeni*, Powers of the Gum Sagapenum.

They are made as are thoſe of Ammoniacum.

This Medicine is a good Neurotick, Stomatick, Hyſterick, and Arthritick: It is good againſt all cold and moiſt Diſeaſes of the Nerves, Womb, Spleen, and Joints. It is good againſt Palſies and Cramps, againſt Cholick and hardneſs of the Spleen: it provokes the Terms, ſoftens hard Tumors of the Meſentery: it is ſaid alſo to haſten both Birth and Afterbirth.

25. *Poteſtates Salviæ*, Powers of Sage.

They are made as are the Powers of Bawm.

This Medicine mightily ſtrengthens the head, brain and nerves; quickens the Senſes and Memory, and is good againſt Apoplexies, Epilepſies, Vertigo's, Palſies, Lethargies, *&c.* It is pectoral, and therefore good againſt Aſthma's, ſhortneſs of Breath, difficulty of breathing, Coughs, Pleuriſies, ſpitting of Blood, pains and ſtitches of the ſides: it ſtops vomiting, ſtrengthens the ſtomach, and cauſes a good digeſtion. It diſcuſſes and expels wind, ſtrenthens and fortifies the womb: it opens all Obſtructions of the Reins, Ureters and Bladder, provokes Urine ſtrongly, and the Terms: yet the conſtant taking hereof by a woman with Child, prevents Miſcarriage: in a woman not with Child, it cleanſes the Womb and makes Fruitful. Doſe ℥j ad ℥ſs.

26. *Poteſtates Saturejæ*, Powers of Savory.

They are made as is the Quinteſſence of Time.

This Medicine is attenuating, cutting cleanſing, opening and diſcuſſing: it ſtrengthens the Stomach, Spleen & Womb, opens Oſtructions of the Lungs, diſcuſſes and expels Wind, gives eaſe in the Cholick, and cauſes a good Digeſtion: it ſtops Vomiting, cauſes a good Appetite, provokes Urine and the Terms, and helps Suffocati-

on of the Womb, or fits of the Mother: It is good against a Lethargy, helps Palsies, Numbness, Cramps, and Convulsions; and is very profitable against the Cough, Asthma and Dropsy.

27. *Potestates Succini*, Powers of Amber.

The Powers of Amber may be made, both as is the Quintessence of Caranna, in Our Pharm. Lond. lib. 4. ca. 5 Sect. 12. *and as is made the Quintessence of Myrrh in the place cited*, Sect. 30.

It is indeed a most admirable thing against all cold and moist Diseases of the Head, Brain, Nerves and Womb: It cures Head-ach, Megrims, Vertigo's, *&c.* and helps any pituitous Distemper of the Brain: it cures Cramps and Convulsions, and is very beneficial in all Resolutions of the Nerves, and is very prevalent against the Gout and Sciatica, and against the Afterpains in a woman newly delivered. Given to a woman in Travel, it causes speedy delivery. It is good against fits of the Mother in women, and being given in a large dose, it provokes sweat, and thereby prevails against Agues: dose à gut. x. ad *xxx.* or more in Canary or Rhenish wine.

28. *Potestates Tanaceti*, Powers of Tansey.

They are made as is the Quintessence of Mint.

This Medicine is Traumatick, Hysterick and Nephritick: It kills Worms in Children, expels wind, gives ease in the Cholick and Stone, opens stoppages of the Reins Ureters and Bladder, provokes the Terms, facilitates the Delivery of women in Labour; cures fits of the Mother, heats and warms a cold Stomach, attenuates glutinous flegm there, is pectoral, helps Asthma's, difficulty of breathing, and shortness of Breath, and, if given after other things proper to carry off the matter of the Dropsie and Jaundice, it so fortifies the Tone of the *Viscera* that those diseases scarcely ever return any more.

29.

29. *Poteſtates Abrotoni*, Powers of Southernwood.

They are made as the Powers of Wormwood.

This Medicine is Alexipharmick, Hyſterick and Uterine: It reſiſts the Putrefaction and Poyſon of the Plague and other malign Feavers: expels and deſtroys the Venom of mad Dogs, biting of Vipers, and other Venomous Beaſts: It kills worms provokes the Terms, helps fits of the Mother, warms a cold Stomach, and is good againſt the Jaundice: It opens ſtoppages of the Reins and bladder, and provokes Urine, expelling gravel, ſlime and other filth: Outwardly, it is good in the Gout, and in all cold, moiſt and Paralytick Diſtempers of the nerves, ſtrengthning weak Limbs and Joints. Doſe à ℈j ad ʒſs.

30. *Poteſtates Aurantiarum*, Powers of Oranges.

They are made as the Powers of Limons and Citrons.

This Medicament is a mighty Cordial comforting the heart, refreſhing nature, and reviving all the Spirits, natural, vital and animal: It cures moſt Diſeaſes of the head, brain and nerves proceeding from a cold and moiſt Cauſe: it's prevalent againſt a Lethargy and Carus, It ſtrengthens weak ſinews and limbs, cures Cramps and Convulſions, and helps the loſs of Memory: it heats, warms and cleanſes a cold and diſtempered Womb, is powerful againſt fits of the Mother: and by a conſtant taking thereof, makes ſuch as are barren fruitful. It has all the Virtues of the *Poteſtates Limonium*, to which I farther refer you, but this is ſomewhat the ſtronger Medicine, and not altogether ſo delectable: doſe à gut. xx. ad xxx. in a Glaſs of Wine or Cordial.

APPENDIX I.

OF ESSENCES ſo called.

31. *Eſſentia Caſtorei*, Eſſence of Caſtor.

℞ *Caſtor, cut and bruiſe it, then*

then macerate it (in ſpirit of Caſtor, mixt if you pleaſe with ſpirit of Roſemary, Lavender, Sage or ſweet Marjoram, all perfectly deflegmated, a ſufficient quantity) in B. M. for five dayes, to which add the Volatile oyl, and Salt of Caſtor; Circulate till they be perfectly united, and become clear.

§ 1. It is an excellent thing againſt the Falling-ſickneſs, Apoplexy, Palſy, Vertigo, Megrim, Convulſions, and the like great affects of the Brain: doſe à ℈j ad ʒſs or ʒj. § 2. Some Authors preſcribe it to be thus made: *Reduce your Caſtoreum into fine ponder, diſſolve it in pure rectified ſpirit of Salt; abſtract the ſpirit from it again, and affuſe upon it, the higheſt rectified ſpirit of Caſtor, ſpirit of Wine, Roſmary or Lavender, &c. digeſt them in a gentle B. M. for 20 days; then decanting the ſpirit from the faces; you may either draw off the ſpirit in Balneo Vaporis, leaving the Eſſence of Caſtor behind, or you may keep them together.*

32. *Eſſentia Croci*, Eſſence of Saffron.

℞ *Saffron* ℔ij, *the higheſt rectified Spirit of Saffron* ℔iv, *digeſt two daies, then diſtil in a Glaſs B. M. and cohobate ten times, at laſt impregnate the diſtilled liquor with the Tincture, ſo long till it will receive no more.*

It is a wonderful Cordial, and makes the heart glad: it ſtrengthens and revives the ſpirits, comforts a drooping ſpirit; reſiſts the malignity of burning Feavers, Meaſles, Small Pox, Plague, Poyſon, *&c.* Doſe ad ʒſs. in a convenient Vehicle; it provokes the Terms, and miraculouſly facilitates the delivery of women in Childbirth. After the ſame manner may be prepared Eſſence of Cochenele.

33. *Eſſentia Opii*, Eſſence of Opium.

℞ *Opium* ℔ſs, *Sp. of Opium* ℔ viij: *digeſt till the Opium is diſſolved (which ought to be done by little and little, & by degrees;) then diſtil in a glaſs Balneo Mariæ, and cohobate ten times: at laſt impregnate*

pregnate the distilled Liquor with the Tincture of fresh Opium, so long till it will receive no more, but appears in the Glass as red as blood.

§ 1. It has all the Virtues of Opium, but much more safe; it eases all manner of pains, is good against all sorts of Feavers and Agues, Vomiting, the Cholick and Griping of the Guts, as also the Stone, whether in the Reins or Bladder, stops all fluxes, and gives rest and quietness. § 2. When you give it, the dose may be from gut. vj ad xx or more, according to the age, strength and necessity of the sick; alwayes mixing with it as many drops of the Powers of Cloves, Limons, Oranges, or Essence of Saffron, in a glass of Sack, and so to be taken at night going to bed. § 3. After the same manner you may prepare it with Spirit of Vinegar, Spirit of Sal Armoniack, Vitriol or Sulphur, Juyces of Citrons, Limons, Quinces, *&c.*

34. *Essentia Magna*, The great Essence.

℞ *Rosemary, Lavender, Sage, Marjoram, Time, Bawm, Angelica, Ros Solis, Origanum, Savory, A.* bruise all in a mortar, *and with Bay salt and Leven cause a Fermentation; then put all into a copper Vesica well tinn'd; to which add a sixt part of Rhenish wine; and to every pint of Rhenish wine add Saffron* ℥ij. *Cochenelle* ℥j. *Cloves sliced, Nutmeggs bruised A.* ℥ss: *distill according to Art, and cohobate ten times till the Volatile Salt arises: lastly calcine the faeces, from which extract a Crystalline or sweet Salt, adding it to the Liquor distilled, to every pint of which also put Oyl of Cinnamon* ℥j, *mix and keep them in a glass. Vessel close stopt.*

§ 1. It is a Medicine of great virtues: It restores in Consumptions, strengthens all the inward parts; helps in all Diseases of the Head, Heart, Breast and Lungs, and makes merry a sad and drooping spirit: it cures Plague, malign Feavers, small Pox, Poyson: it cures the Vertigo, Epilepsia, Megrim, Convulsions, Palsies, Tremblings, and such like. Dose a ℥j ad ℥j in

in fragrant Wine. § 2. But there are ſome who make this Eſſence, by groſly bruiſing the Ingredients, and mixing therewith a ſufficient Quantity of Canary, which they digeſt in a Veſſel with a blind Head, in a gentle Balneo for two Months: then, expreſſing all with a preſs, they calcine the fæces, and extract therefrom a Cryſtaline ſalt: the expreſſed Liquor is again digeſted, as aforeſaid, till a glorious Liquor be ſeparated from the fæces; which Liquor being decanted, they add to it the aforeſaid Cryſtals, and a little Oyl of Cinnamon which is then to be kept cloſe in a glaſs Veſſel for uſe.

35. *Eſſentia Odontalgica*, Eſſence for the Tooth-ach.

℞ *Spirit of Wine camphorated, Tincture or Powers of Cloves, A.* ℥j, *diſtilled Oyls of Box and of Guajacum, ana.* ℥vij. *black Oyl of Sulphur, blood red Tincture of Opium, A.* ℥vj. *mix, and you will have an oyly, red, tranſparent Liquor, which keep in a glaſs Vial well ſtopt for uſe.*

It is an admirable thing to eaſe the Toothach, by drawing off the ſharp humor which falls on the Teeth. You may dip a little bit of Cotton as big as a Pea in it and apply it to the Tooth, or put it into its hollow part, if there is any, ſo will much water preſently fall away, and the pain will ceaſe.

36. *Eſſentia Auri*, Eſſence of Gold.

℞ *fine Gold, diſſolve it in rectified Oyl of Salt; to which being diſſolved, put as much Oyl of Vitriol: abſtract the Oyls from it again, and drawing off, as aforeſaid, thus cohobate 12 times, but ev'ry time have a care that your Gold be not left dry, but ſomewhat moiſt: being 12 times cohobated (the laſt time drawing off the Oyl) put upon the Calx the beſt rectifyed S. V. ſet it in a Cellar, or ſome cool place, where letting it ſtand for ſome days, a part of the Gold will Cryſtalize: Take out thoſe Cryſtals, evaporate a part of the Water, and ſet the reſt to Cryſtalize, as before; this do till all the Gold is turned to Cryſtals, which dry on clean brown*

brown paper in a warm dry air. These dry Crystals beat into fine powder, on which put S. V. rectified, digest some daies in a gentle B. M. then abstract the S. V. by degrees, very gently, and the true essence of Sol will remain behind like an oyl.

It's a Specifick in the Cure of the Apoplexy and Falling sickness, and indeed of all Diseases affecting the Head, Heart and Nerves. Its a Sudorifick, a Counter-poison, and a Restorative in Consumptions; and also expels the Malignity of the Measles, Small Pox, spotted Feaver and Plague. Dose à gut. jv ad viij.

37. *Essentia Argentea viridis*, green Essence of Silver.

℞ *fine Silver, dissolve it in Aq. and precipitate with Salt water, which Calx dulcifie with Common water, till it be fully free from the Salts: this done, mix it with Flowers of Sulphur, reverberate it under a Muffel to a very subtle Calx, upon which put S. V. rectifi'd and Tartariz'd: digest a Month in B. M. then draw off the Spirit, and cohobate seven times, so will the Calx be brought into a Liquor which being again digested a Month in B. M. will become a pure green juyce.*

It strengthens the Brain extreamly, and is prevalent against all affects thereof, as Frensy, Madness, Lethargy, Carus, falling sickness, Convulsions, Vertigo, Megrim, Headach, &c. it is also good against the Stone in the Reins and Bladder, and resists all Feavers: Dose à gut. vj ad xij in Canary or other proper Vehicle.

38. *Essentia Vitrioli Cupri*, Essence of Vitriol of Copper.

℞ *fine Verdigrise (made of the filings of Venus and spirit of Vinegar) extract the Tincture with warm water, which filter and coagulate over a gentle Heat, till it is thick like Honey: distill this in an Alembick by degrees of fire, so will a thick substance ascend, sticking to the Alembick, which then you must take off, and put it down with a stick into the Cucurbit, and this*

you

you muſt do, as oft as it aſcends; when it riſes no more, let it cool, put it into a Retort, and diſtill in a ſtrong fire (the ſtronger the better) ſo will there aſcend, firſt a white ſour ſpirit, then a yellow ſour ſpirit, laſtly ſome blood-red drops, with a white cloud; when no more will come over, let it cool. Take all that which diſtill'd over, and in a Bolt head with a gentle heat (leſt any of the yellow or red ſhould aſcend) diſtill off all the white ſpirit, ſo will a blackiſh red matter remain behind, from which extract a red Tincture with S.V. *rectified (as often putting on freſh* S.V. *as it is tinged red) then diſtill both together by Retort, cohobating often; laſtly, in a gentle B.M. ſeparate the* S.V. *ſo will you have remaining the true eſſence of Copper.*

This cures all affects of the Womb, fits of the Mother, Scirrhus, Cancer, Inflamation, and Ulcers of the Womb, all which it doth by Diſſolution, Conſumption and Expulſion of the tartarous matter; expelling the Maſs of the Venomous humors. It cures the Dropſy, Rhagades, Condyloma, Hœmorrhoides, &c. It is alſo a Specifick in the cure of the Epilepſy, Apoplexy, and other diſeaſes of the Brain. Doſe from gr. iij *ad* x. in Peony or black-Cherry water.

39. *Eſſentia, ſeu Argentum Mercurij*, Eſſence or Silver of Mercury.

℞ Quick ſilver purged well with Salt and Vinegar, diſſolve it in a well rectified AF. *ſet it to ſhoot into Cryſtals, which grind well with Oleum Tartari per deliquium; after waſh away the Oyl, and all ſharpneſs from it, and put thereon ſpirit of Vinegar: let it ſtand in a gentle heat, til the Quick ſilver ſwims on the top of the Vinegar like leaves of Silver, which take off carefully by decanting the Vinegar (with that which ſwims on the top of it) from what remains in the bottom, filter the decanted Vinegar through a brown paper, and the ſilver leaves of the Mercury will be on the paper. Then put the filtred Vinegar on the other part of the Mercury which*

which remained in the bottom (adding more freſh ſpirit, if need be) and proceed as before repeating this work till all or moſt of the Mercury is riſen in ſuch like ſilver leaves.

Paracelſus ſaith, That it is deſign'd againſt all Obſtructions and other inveterate Diſeaſes of the Lungs, as the Peripneumonia, Phthiſis, Pining, and Tartarous coagulations in all Organick parts, for it even melts the moſt obdurate humours and Coagulations. Doſe à gut. vj ad xij. in a proper Vehicle.

APPENDIX II.

OF QUINTESSENCES ſo called.

40. *Quinta Eſſentia Bufonum Fabri*, Fabers Quinteſſence of Toads.

℞ *Toads in great numbers, in the month of June, hang them up and dry them in the ſun, then calcine till the aſhes are white, from which with Cardous or Scabious-water and water of Limon. Peels, extract a Salt to the higheſt whightneſs: mix, and keep this Salt with Treacle water. There are ſome which order the Quinteſſence to be made with the diſtillation of live Toads; but* Faber affirms, that Water to be the higheſt Poiſon, and from its Volatile Spirit, to kill by its odour.

This Salt is one of the chiefeſt Antidotes againſt Poiſon, reſiſting all Venom to a wonder. For the fire (by which it is made) conſumes all, excepting the Salt or Eſſence of Life, which is never Venomous, but excites and defends the life, againſt the aſſaults and malignity of its Adverſary. It's as prevalent againſt the Contagion of the Air, as againſt material Poyſon taken-in by the mouth. It is powerful againſt the Plague, Peſtilential Buboes and Carbuncles, Scirrhus humors, & Cancers, taking away their malignity, and ſudenly curing and healing them. It is alſo of great force againſt all ſorts of Dropſies and watery Tumors. Give it in the morning faſting ad ℥ſs or ℥j, either in the Treacle-water afore-

you must do, as oft as it ascends; when it rises no more, let it cool, put it into a Retort, and distill in a strong fire (the stronger the better) so will there ascend, first a white sour spirit, then a yellow sour spirit, lastly some blood-red drops, with a white cloud; when no more will come over, let it cool. Take all that which distill'd over, and in a Bolt head with a gentle heat (lest any of the yellow or red should ascend) distill off all the white spirit, so will a blackish red matter remain behind, from which extract a red Tincture with S.V. *rectified (as often putting on fresh* S.V. *as it is tinged red) then distill both together by Retort, cohobating often; lastly, in a gentle B.M. separate the* S.V. *so will you have remaining the true essence of Copper.*

This cures all affects of the Womb, fits of the Mother, Scirrhus, Cancer, Inflamation, and Ulcers of the Womb, all which it doth by Dissolution, Consumption and Expulsion of the tartarous matter; expelling the Mass of the Venomous humors. It cures the Dropsy, Rhagades, Condyloma, Hæmorrhoides, &c. It is also a Specifick in the cure of the Epilepsy, Apoplexy, and other diseases of the Brain. Dose from gr. *iij ad x.* in Peony or black-Cherry water.

39. *Essentia, seu Argentum Mercurij*, Essence or Silver of Mercury.

℞ Quick silver purged well with Salt and Vinegar, dissolve it in a well rectified AF. *set it to shoot into Crystals, which grind well with Oleum Tartari per deliquium; after wash away the Oyl, and all sharpness from it, and put thereon spirit of Vinegar: let it stand in a gentle heat, till the Quick silver swims on the top of the Vinegar like leaves of Silver, which take off carefully by decanting the Vinegar (with that which swims on the top of it) from what remains in the bottom, filter the decanted Vinegar through a brown paper, and the silver leaves of the Mercury will be on the paper. Then put the filtred Vinegar on the other part of the Mercury which*

which remained in the bottom (adding more fresh spirit, if need be) and proceed as before repeating this work till all or most of the Mercury is risen in such like silver leaves.

Paracelsus saith, That it is design'd against all Obstructions and other inveterate Diseases of the Lungs, as the Peripneumonia, Phthisis, Pining, and Tartarous coagulations in all Organick parts, for it even melts the most obdurate humours and Coagulations. Dose à gut. vj ad xij. in a proper Vehicle.

APPENDIX II.

OF QUINTESSENCES so called.

40. *Quinta Essentia Bufonum Fabri*, Fabers Quintessence of Toads.

℞ *Toads in great numbers, in the month of June, hang them up and dry them in the Sun, then calcine till the ashes are white, from which with Cardus or Scabious-water or water of Limon-Peels, extract a Salt to the highest whightness: mix, and keep this Salt with Treacle water. There are some which order the Quintessence to be made with the distillation of live Toads; but* Faber affirms, that Water to be the highest Poison, and from its Volatile Spirit, to kill by its odour.

This Salt is one of the chiefest Antidotes against Poison, resisting all Venom to a wonder. For the fire (by which it is made) consumes all, excepting the Salt or Essence of Life, which is never Venomous, but excites and defends the life, against the assaults and malignity of its Adversary. It's as prevalent against the Contagion of the Air, as against material Poyson taken in by the mouth. It is powerful against the Plague, Pestilential Buboes and Carbuncles, *Scirrhus* humors, & Cancers, taking away their malignity, and suddenly curing and healing them. It is also of great force against all sorts of Dropsies and watery Tumors. Give it in the morning fasting ad ʒs or ʒj, either in the Treacle-water afore-

aforesaid, or in Cinnamon-water. Outwardly for the Mortification of Cancers, use it by unction or bathing.

41. *Quinta essentia Ranarum Fabri*, Quintessence of Frogs.

℞ *Frogs in the Month of June, and in B. M. distill them alive with a very gentle fire, for the space of 4 hours. What distils over in that time take away and keep it by it self. Change the receiver, lute well the joints, and remove the glass-body from the B. M. into Sand, distilling all the remaining part of the humidity, which join with the former. What yet remains in the bottom of the Alembick, burn with a strong fire in a strong Crucible to white Ashes. Extract and purify the Salt to the highest Whiteness and Sweetness, which joyn to the former liquor seven times rectified by distillation; which being united, let be kept for use.*

It is a great Arcanum for the curing of Quartans, which it do's by an occult Property. it cures Quotidian and Tertian Feavers, at once taking, being given in Tobacco-water, the sick after vomiting, sweating well upon it. It cools Inflamations, and eases their pain, by outward anointing with it. It is prevalent against an Eryſipelas, suddenly taking away its burning. It cures the Gout, from a hot Cause, as also hollow ulcers, being apply'd by unction. It is taken ad ℥j, with Cardus or Tobacco-water early in the morning fasting; and sweating upon it.

42. *Quinta Essentia Cera Fabri*, Quintessence of Wax.

This is little more than an Oyl of Wax, which you may make as we have taught in *Our Pharmacopœia, lib. 4. cap. 3. sect.* 31. only with this difference: 1. That the distillation may go slowly on, and be perform'd in about six days. 2. That it be done in sand. 3. That it be seven times rectifi'd, and every time in a new glass Retort. 4. That you mix Salt with the wax in stead of Sand, that so when the distillation is over, the Salt may be washd away, and after-

afterwards the Faces to be calcin'd, from whose Ashes, with the water of Hypericon, you may extract a pure Salt, which is to be mixed with the aforesaid Oyl.

The Virtues you have in the aforecited place; besides which it is of incomparable use for all internal ulcers, the Dysentery, ulcrated and cancerated Hæmorrhoids, Cholick and griping of the Guts, being given à gut. viij ad 12 in ʒV. or Cinnamon-water, and applying it outwardly to places ulcerated. This Arcanum is able to draw the Virtues of all Flowers into it self, only by Infusion: And with it you may prepare a vulneraty Balsam, effectual for the healing of all green wounds and cleansed ulcers.

43. *Quinta Essentia Capitis Cervi Fabri,* Quintessence of a Deers head.

℞ *The head of a Deer whose horns are young and tender (the old being lately cast) take off the skin, and put the head with its horns (being cut into little bits) and an equal quantity of Deers-blood, into a glass Vessel, which putrify in warm horse-dung for a month* (Sol *and* Mercury *being in* Leo:) *after a Months time (viz. 40 dayes which is a medicinal month) let all be distilled in B. M. in warm ashes, with a very gentle fire. Separate the spirit from the flegm and watery part, which you will know in the distillation how to distinguish, by Vapours ascending up in streaks, being in the head of the Alembick converted into water: those streaks ceasing, change the Receiver, taking the flegm, till the white and clammy spirits ascend. Then is it time again to change the Vessel, taking the white water which comes forth by it self, augmenting the fire by degrees, till all the said white water is ascended. Now augment the fire again, that the Volatile Salt may sublime white and clean, which will stick to the sides of the Alembick head: this salt keep in a Glass close stopt with a glass stopper. The spirit and white water put together, and purify by a seven fold Distil-*

lation. After adjoyn the volatile Salt, and diſtill again ſeven times, changing the Alembick every time, or at leaſtwiſe cleanſing of it. The Caput Mortuum calcine with a very ſtrong fire, till it is white, from which extract the Salt, which purify by reiterated Calcinations, ſolutions and filterations, viz. ſo long, till being diſſolv'd it emits no faces. This Salt joyn with the aforeſaid Volatile ſalt, ſpirit and water, which circulate to a perfect conjunction.

This *Arcanum* radically cures the Falling-ſickneſs, is powerful in moſt Diſeaſes of the Head, as Apoplexy, Vertigo, Hemicrania, Head-ach, Palſy, Convulſions, &c. and is very prevalent againſt the ſuffocation of the Womb. Doſe ℥j in broth.

44. *Quinta Eſſentia Corallorum Fabri*, Quinteſſence of Coral.

℞ *Coral, beat and reduce it into an Alcool, diſſolve it in the beſt Vinegar, and digeſt in a warm Balneo for ſome dayes, till (the Solution being repeated) all the Coral is diſſolv'd: the diſſolutions filter and evaporate in a ſilver or golden veſſel (one of glaſs may ſerve the turn) to dryneſs. The Salt then diſſolve in diſtilled rain-water, and purify it by many Evaporations, deſiccations and ſolutions, till it is freed from all its terreſtreity, is clear as cryſtal, ſweet as ſugar, and will melt like wax. Take again new Coral, powder and mix it with an equal quantity of Sal Armoniack, which ſublime together, till the Sal Armoniac aſcends very red, and carries with it the Tincture of the Coral. This red Tincture ſeparate from the Salt with Alchoolized S. V. perfectly deveſted of all its flegm; which is done, by ſo often putting on the ſaid S. V. till the Salt remains purely white. Then by a gentle heat abſtract the S. V. by diſtillation: the Tincture which remains in the bottom, conjoyn with the afore prepared Salt, ſo have you the Quinteſſence of Coral very red, and of admirable Virtues, which keep in a glaſs cloſe ſtopt for uſe.*

This

This *Arcanum* is of ſo great power in purging and cleanſing the blood, that it roots out all Diſeaſes proceeding from corruption and putrefaction thereof. It cures the Leproſy, ſtops the Flux of Terms, and all other Fluxes of the Bowels, as alſo all fluxes of blood againſt Nature. It wonderfully comforts and ſtrengthens the heart and ſtomach, reſtores the natural heat, and radical moiſture, and is of excellent uſe in the cure of Conſumptions. It diſſolves coagulated blood, as alſo ſand, gravel and ſtone, both in the Reins and bladder, being given in the Eſſence of Reſtharrow. It heals ſimple wounds, though made with poiſon'd weapons, old ulcers, Fiſtula's, and ſuch other like Diſeaſes: Doſe ℥ ſs ad ℥ j in broth, Canary Wine, or ſome eſſence proper againſt the diſtemper: outwardly mix it with proper Balſams, and ſo uſe it warm.

45. *Quinta Eſſentia Cupri Fabri*, Quinteſſence of Copper.

℞ *fine filings of pure Copper, flowers of Sulphur, Salt of Tartar, A. put them into an earthen Pot well glaz'd, and with a ſufficient quantity of water, boil them for ſome hours, ſtirring them in the mean while with a wooden ſlice, till all the Copper, Sulphur, and Salt is diſſolved, adding in the boyling new water, ſo often as need requires; or, you may melt the Copper, Sulphur and Salt together, and then diſſolve by boyling, as aforeſaid. This done, and being cold, put the Solution into a Cellar, or in ſome other cold place, that the limpid Solution may concreet into Vitriol, of a pure blew colour. Gather the Vitriol, the remaining water evaporate upon a gentle fire to half, which then ſet again in a cold place, to concreet into more Vitriol. Gather the Vitriol again, the remaining water evaporate, and concreet again: repeating this Operation ſo long as any Vitriol will fall or ſhoot. At laſt gather all your Vitriol together, which dry in a Copper or Iron Veſſel, and make the Quinteſ-*

ſince thereof, as we have taught to make the Quinteſſence of Common Vitriol, in Our Pharmacopœia Lond. l. 4. c. 5. Sect. 46.

This is ſaid to cure all affects of the head, coming either from a hot or cold cauſe. It comforts and ſtrengthens, reſtores the radical Humidity, cleanſes and purifies the blood, and is the only abſolute Remedy for the cure of the Leproſy. It cures all continual and intermitting Feavers, corroborates all the Viſcera, excites the natural heat, heals excoriations of the Skin, all Wounds and Ulcers whether new or old, only by applying it to them; It eaſes all pains of the Gout, and diſſolves the Arthritick nodes, proceeding from what Cauſe ſoever. It ſtops Catarrhs, ſtrengthens the Brain and Nerves, wonderfully comforts the Joynts, and diſſolves tartarous Viſcoſity. It ſoftens all extream hard and Scirrhus Tumors, melting and diſſolving them. *Nimis (dixit Faber) longum eſſet percurrere omnes hujus arcani Virtutes & proprietates, ſufficiet hoc tibi unum, quòd omnibus morbis accommodari poteſt, ſit arcanum reſtaurans & roborans.* Let it be taken in Broth or diſtilled Cinnamon Water, Hipocras or good Canary à ℈j ad ℈ij. at any hour of the day, without obſervation of any order, it being only a ſtrengthning and reſtoring Medicine.

46. *Quinta Eſſentia Perri Fabri,* Quinteſſence of Iron.

℞ *Filings of Iron, heat them red hot, which extinguiſh in the beſt Vinegar: heat them red hot, and quench them again, as before, which work repeat ſeven times, or till they are converted into a moſt red Crocus. Put this Crocus into a Phial, with a long neck, to which affuſe the beſt Spirit of Vinegar, ſo as it may over-top it, about the breadth of eight fingers: ſtop the Phial cloſe, and place it in a gentle digeſtion in warm Aſhes for a Month, ſhaking the Phial ſeveral times every day, till the Vinegar is tinged into a red Color; decant the tinged Vinegar, by inclination, into another glaſs Veſſell: to the remaining magma*

magma affuſe new Spirit of Vinegar, and digeſt again in warm aſhes, till it is tinged; this again ſeparate, and put it to the former. The magma remaining calcine, or make red hot upon a ſmooth Tile, and then quench it in the beſt Vinegar, as before; which repeat about 4 times, or till it becomes a very red Crocus. Put this Crocus into the former Phial, affuſing thereon new Spirit of Vinegar, and digeſt as before till it is tinged: this ſo often repeat as the Vinegar by digeſtion will be tinged. Then put all the tinged Vinegar together, which deſtil in B. M. with a gentle fire, till the Tincture remans at the botom of the Alembick of the thickneſs of Honey. To this put the higheſt alchooliz'd S. V. till all the Magma is diſſolv'd, which digeſt in a warm B. M. the tinged S. V. ſeparate, by Inclination, to the remaining Magma put new Spirit of Wine rectified, and digeſt again, this often repeat till the Magma is diſſolv'd, or till the S. V. will be no more tinged red. The S. V. thus tinged diſtill very gently, by a Retort, till all the Spirit is aſcended: then at length augment the fire, and (the Receiver being Changed) by a ſtrong diſtillation force over the Oyl purely red, which 3 or 4 times rectify by a Retort. The Magma of every diſtillation gather together, and calcine it on a tile to whiteneß, from which extract a Salt by many Solutions, evaporations and calcinations, which joyn with the aforeſaid rectified oyl, and keep the mixture in a glaß cloſe ſtopt for uſe.

This differs not much from the Philoſophick Oyl of Steel, in our *Pharm. Lon. lib.* 3. *cap.* 4. *Sect.* 14. but only in the præparation of the *Crocus*. It is a wonderful Balſam for the Cure of all Ulcers whether old or new. It powerfully conglutinates Wounds, diſſolves and tranſmutes Corroding Humours; and preſerves the part from Corruption. It comforts the Stomach, and chears the Spirits. It ſtops a Gonorrhæa, the Hepatick flux, and all other Fluxes of the Bowels. Doſe ℈ j.

47. *Quinta eſſentia Gattariæ* ſeu *Nepetæ Fabri*, Quinteſſence of Nep.

It is made as you make Quinteſſence of Bawm or Mint, in Our Pharm. Lond. Lib. 4. Cap. 5. Sect. 31. and 32.

This *Arcanum* is of an exceeding ſweet ſcent, by which it recreates the Animal Spirits and Functions. It is an excellent thing againſt Obſtructions of the Liver, Spleen and Womb. It prevails againſt the Green-Sickneſs in Virgins, ſo that there is ſcarce any thing more powerful. It ſtrengthens the Concoctive and Digeſtive Faculty, comforts all the Viſcera, chears the Spirits, purifies the Blood, takes away all ſtoppages, cauſes a good color in the Face; certainly and powerfully provokes the Terms, ſtrengthens and cleanſes the Womb, and cauſes Barren Women to become Fruitful. In eaſing the Sciatica nothing is more powerful; it alſo cures the Elephantiaſis (if *Faber* ſays true,) and biting of Venomous Beaſts. Doſe à ℈j. ad ʒj. Externally you may apply it with a little Lint.

48. *Quinta eſſentia Gambogiæ Fabri*, Quinteſſence of Gambogia.

℞ *Guttæ Gambæ* ℔j. *or* ij. *bruiſe it, put it into a fit Veſſel, and with the ſtrongeſt fire, diſtil* ad deſcenſum, *encreaſing the Fire by degrees, till the Faces are burnt and incinerated. After diſtillation, ſeparate the Oyl from the water, which will be in very great plenty. Rectify the Oyl in a Retort (with a little Vitriol calcin'd to redneſs) till the Empyreuma is gone: This Oyl keep and conjoyn with the Salt, extracted out of the Aſhes of the faces, depurated by many iterated ſolutions and calcinations. Now taking again more Guttæ Gambæ*, viz. ʒvj. *or* ʒviij. *diſſolve it (in a Bolt-Head) in the beſt rectified* SV. *mixed with its equal weight of Oyl of Vitriol, by digeſting it* 15 *days, in a warm* B. M. *then deſtil in the ſame Balneo, all that can poſſibly be drawn over. Upon the*

the magma remaining put the new diſtilled Spirit, and digeſt till it is perfectly diſſolved, viz. *for three or four days, then filter it well, and what will not admit of Filteration, deſtil as before in the aforeſaid* B. M. *Again, diſſolve, digeſt, filterate and diſtil ſo often as the remaining magma, will emit any faces. The Magma being ſeparated from all the* S. V. *diſſolve it with the juyce of Limons, diſtilled with Spirit of Vitriol; digeſt all together in a gentle heat for fifteen days, after which ſeparate the ſaid diſtilled juyce and ſpirit, by a boyling* B. M. *or by warm Aſhes, till the Magma is of the conſiſtency of Honey. To this Magma put the afore-prepared Oyl and Salt, which digeſt three or four days together, then keep it in a glaſs cloſe ſtopt for uſe.*

It cures Quartans, diſſolves tartarous Humors, drys up water betwixt the Fleſh and Skin, powerfully exhauriates ſeroſe Humors, cures a Leucophlegmatia, the evil color and Green-ſickneſs in Virgins, ſtrengthens the Ventricle, opens all Obſtructions, and expels Wind. It comforts the Liver, purifies the Blood, opens the Pores, cauſes Sweat, and is one of the moſt powerful *Arcanums* yet known in the cure of the Gout; for it takes away the internal Cauſe, refocillates the Parts, ſtrengthens the Nerves and Muſcles, takes away Trembling, is prevalent againſt the Palſy, and other cold and moiſt Diſeaſes of the Brain, proceeding of Flegm: it frees the Breaſt and Lungs of pituitous Humors, cures the Dropſy, and takes away the vices of the Skin. Doſe *à* gr. vj. *ad* x. in broth or ſyrup, or made up in the form of Pills with crums of Bread.

49. *Quinta Eſſentia Mellis Fabri*, Quinteſſence of Honey.

℞ *Honey, diſſolve it in Rain Water ſeven times diſtilled, deſpumate it with a gentle fire, and that ſo often, till it emits no Faces in the ſolution, but remains in the water in which it is diſſolved cleer and limpid.*

Circulate it for a whole Month in a Pellican, with a gentle heat or fire. Then Deſtil in B. M. *as much as you can conveniently get over, the reſt deſtil in Aſhes to dryneſs, even to the burning of the earthy matter. From the* Caput Mortuum *well Calcined, elixiviate a Salt, which purify by many iterated ſolutions and calcinations, till it is perfectly freed from all filth. This Salt (thus purified) conjoyn with the Aqua Mellis (which you deſtilled in* B.M.) *ſeven times diſtilled, to which add the Oyl diſtilled in Aſhes, and made pure by ſeveral rectifications: Digeſt all leiſurely, till it comes to a Balſamick Body,* Quod ſervandum eſt tanquam ſecretum ſummum ſanitatis.

It is accounted one of the higheſt preſervatives of Health, ſtrengthning and comforting all the Powers and faculties of the Body, Natural, Vital and Animal, *Faber* ſaith, *Corpus humanum conſervat, unde convenit omnibus morbis.* This I know by experience, that it is good againſt all Vices of breathing, and Diſeaſes of the Lungs, as Coughs, Aſtma's, Hoarſneſs, Shortneſs of Breath, &c. Doſe ad 3j. in the morning faſting, either in the Yolk of an Egg, or in Broth.

50. *Quinta Eſſentia Magnetis Fabri,* Quinteſſence of the Load-ſtone.

℞ *of the Load-ſtone reduced into a fine pouder or Alchool; affuſe upon it the Quinteſſence of Iron, which digeſt in a Bolt-Head, cloſe ſtopped, and in a warm* B.M. *for 15 days and nights. This done, put it into a glaſs Retort well luted, and diſtil in Aſhes, by degrees of Fire, firſt gentle, then ſtronger, till you come to the ſtrongeſt. The* Caput Mortuum *or magma which remains, by breaking of the Retort, take and reduce to fine pouder, which calcine in a ſtrong Fire, for one whole day: the Calx diſſolve in the beſt and ſharpeſt Vinegar, extract the Salt, which by many Lotions, Solutions and Calcinations, bring to the higheſt purity and to a red*

red color. This Salt conjoyn with the Q. E. *of the Iron, impregnated with the Spirit of the Magnet, which digeſt for three or four days in a warm B. M. and by B. M. abſtract whatever willaſcend, the reſt digeſt with a gentle Fire, and continual, till it is all fixed, and nothing more will aſcend, though by a ſtrong Diſtillation, but it remains melted and liquid in the bottom of the Veſſel or Stillatory, like as melted Sal Nitre; which humidity is ſo tyed to it, that the force of the fire is not able to ſeparate it, unleſs it be immediately touched with live Coals. Thus have you the Quinteſſence of the Magnet, which keep as of miraculous uſe.*

It is a mighty thing in curing of all manner of Wounds and Ulcers, ſtopping of all Fluxes of blood, all Dyſenteries, Lienterias, Diarrhæa's, drys up all ſalt and ſerous Catarrhs, cures the Hepatick Flux, Hemorrhage, Cramp, Convulſion and Stupefaction of any Member; it augments the Natural Heat, comforts the Animal Spirits, and revives the Vitals. It cures the Dropſy, and draws out all ſerous and watery Humors: and is one of the greateſt Medicines that is known for the Spleen, and Obſtructions thereof, for it attenuates and purifies the Blood, exhauſting all icorous, ſerous and putrid juyces, and therefore is certainly an excellent thing againſt the Scurvy. Doſe à gut *x.* ad *xx.* in Canary, or ſome water appropiate to the Diſeaſe, to be taken in the morning faſting. Outwardly it is applyed to Wounds and Ulcers, either on Lint, or mixt with proper Unguents, Oyls or Balſams.

51. *Quinta Eſſentia Mechoacannæ, Fabri*, Quinteſſence of Mechoacan.

℞ *Mechoacan in fine pouder, affuſe upon it Alchooliz'd* S. V. *which digeſt for fifteen days, or a whole month in a warm B. M. till it ſends forth its Hypoſtaſis, then decant off the clear from the troubled, and filterate it. To the Magma remaining put new* S. V. *Alchooliz'd, and*

and digeſt 8 days in a warm B. M. as before: decant filterate and affuſe new S. V. again, digeſting as before 4 days; decant, filterate and joyn it to the former Tinctures, and diſtil them together with a gentle fire, till the Magma be of the conſiſtency of Honey. This work ſo often repeat, till the Magma leaves at the end of the Diſtillation (in the Alembick) no Faces, nor emits any Faces in the ſolution. This Magma thus purified, conjoyn with the Oyl drawn from freſh Mechoacan per deſcenſum *(or otherwiſe) and well rectified or freed from its Empyreuma, by the help of Vitriol calcin'd to redneſs: to which add the pure Salt, extracted from all its Faces, calcin'd; being firſt made very pure and white: digeſt them together, and keep the Quinteſſence in a glaſs cloſe ſtopt for uſe.*

It is a great *Arcanum* in all kind of Madneſs, Phrenſies and Melancholy: for it extracts the melancholy and aduſt Humors, which infeſt the Menings of the Brain, and caſts them forth. Now if after this purgation, you give a few drops of *Oleum Argenteum*, in a proper Vehicle, the Cure will not only be ſafe, but certain. It cures alſo the Palſy, quartan Agues, and all other chronick Diſeaſes. I have found it very powerful in the Gout, Dropſy, Scurvy, and old Head-achs; as alſo in Vertogo's, Megrims, and ſuch like capital Diſeaſes, for which it is commended as a ſecret. Doſe à ℈j. ad ℈ß. in Broth, proper Water, or Syrup.

52. *Quinta Eſſentia Marchaſitæ Auri, Fabri*; Quinteſſence of the Golden Marchaſite.

℞ *of the golden Marchaſite or Biſmuth in fine powder, common Salt depurated and decripitated, A. put them into a well luted Retort, with its Receiver, and Diſtil with degrees of fire, till all the ſulphurous Spirit both of the Salt and of the Biſmuth is drawn off, and is very ſour. This done, take the Magma at the bottom, and free it from*

the Salt, by waſhing it ſeveral times in pure fair Water, till the water comes off, without any taſt of the Salt: ℞ *the Marchaſite thus depurated, fine Niter, A. mix them, and in a Crucible with a live coal ſet them on fire, which let burn till the Thunder is over and the Niter is vaniſhed. Then take the Marchaſite again, and by many Lotions in fair water as before, free it abſolutely from the Niter. This moſt fine pouder of the Marchaſite, put into a Bolt-Head, ſtop it well with good lute, and put it into a Reverberating fire for a Month, till it acquires a red color. After take it away, and to this pouder affuſe its own Spirit, ſeven times rectified, digeſt them together in a warm B. M till the Spirit is colored; the Tincture decant by inclination, and put on new Spirit, ſo as it may overtop it four fingers breadth, and digeſt as before, till it is again colored. When you have gotten the whole Tincture, digeſt in B. M. for 5 days, then diſtil by a Retort 3 or 4 times, and a moſt red Oyl will come forth, which being joyned with its own Spirit, freed from its flegm, and impregnated with its own Tincture, you have the Quinteſſence of the golden Marchaſite, and a moſt excellent* Arcanum.

It is an admirable thing in the cure of Scrophula, or the Kings Evil, whether ulcerated or not: for it reſolves all hard Tumors, and mortifies all ſorts of Cancers. It is no cauſtick or burning Medicine, if rightly prepared, but may be taken inwardly; and ſo taken, it purifies the blood from mucous and ſerous Humors, by Sweat and Urine; correcting and amending all the vices thereof. It takes away all Scabs, and every kind of excoriation of the Skin, only by outwardly applying it, being mixt with Oyls, Balſams, and Unguents, proper againſt Scabs. Doſe inwardly gut x. in Broth.

53. *Quint eſſentia Medullarum omnium Fabri*, Quinteſſence of all ſorts of Marrows.

℞

℞ *a large quantity of what Marrow you pleaſe, in the full of the Moon, put it into a Retort, ſo as it may fill it half full, joyn to it a receiver, cloſing the joynts well: diſtil in Aſhes, augmenting the fire by degrees, till all is diſtilled over: the Diſtilled Oyl rectify by another Retort, three or four times, by adding a little Vitriol calcined to redneſs, in each diſtillation; ſo have you a moſt penetrating Oyl, freed from its Empyreuma: from the faces well calcined, extract a pure Salt, which free from all its Terreſtreity, which add to the ſaid Oyl, ſo have you the Quinteſſence of great Vertues.*

This Quinteſſence, extracted from the Marrow of what Animal ſoever, is a ſtupendious *Arcanum*, in eaſing of all ſorts of pains and arthritick dolors. It reſolves Oedema, and diſcuſſes all ſorts of cold and hard Tumors, Nodes, and ſuch like, in any part of the the Body. But to this purpoſe the Quinteſſence of the Marrow, and the Oyl of Mams-bones exceed all others. The Oyl and Salt from the Marrow and Bones of a Horſe or Mare, wonderfully diſcuſs Scirrhous Tumors, and ſuch as have a Stone-like hardneſs in them. If it be from the brains and bones of a Horſe-Head, it cures Epilepſies, Apoplexies, and ſuch like. Theſe kind of Quinteſſences will ſoften and diſcuſs even the hardeſt Calloſity or Node.

54. *Quenta Eſſentia Oſſium humanum Fabri*, Quinteſſence of Mans Bones.

℞ *Mans bones in groſs pouder (and infuſed in generous wine, for 8 days) of which make an Oyl* per deſcenſum, *which rectify by a ſeaven-fold diſtillation, in a Retort. The faces or* Caput Mortuum *calcine in a ſtrong fire, from which Calx, with boyling water, extract a Salt, which purify and make white; then conjoyn it, with its afore-prepared Oyl, and digeſt that they may be perfectly incorporated. This will be beſt and moſt efficaciouſly done, at* Sol *his Entrance into* Aries, *which is about the tenth day of*

of March *every Year. The ſame ought to be obſerved in making the Salt of Mans Skull, with ſweet Spirit of Vitriol.*

There is nothing in *Rerum Natura*, more powerful than this Balſam, in eaſing and taking away all manner of arthritick pains and torments. It ſpeedily takes away all kind of rottenneſs, and corrects every other vice of the Bones. Let it be applyed warm in manner of a Balſam with Lint, to the part affected. But in order to its curing of the Gout, the body ought to be purged three or four times with a ſpeciſick Cathartick for that purpoſe, eſpecially *cum pilulis ex Mercurio ſpagyrice preparato*, or with the *Pilulæ Lunares*, mixt with a few grains of the Extract of black Hellebor, from whence you will ſee wonderful effects.

55. *Quinta Eſſentia Avium Fabri*, Quinteſſence of Birds.

Of what Birds you pleaſe, and chop them into ſmall bits with their Bones (the Feathers, Skin, and Fat being taken away:) put them into a Bolt-Head, and place it in B. M. that it may boyl for about four hours: this done, whilſt it is hot, decant from the Bolt-Head (into another veſſel) all the liquor which is ſeparated from the fleſh. This liquor depurate in B. M. till it emits no faces, which are to be extracted or ſeparated in three days, by decanting the liquor from the cloſed Veſſel, boyling in B. M. the former remaining fleſh and bones burn, and calcine to whiteneſs; from which white Calx or Aſhes, with rectified Roſe Water (not diſtilled in a Leaden or Pewter Still) extract a Salt, which by many ſolutions, filterations and calcinations, bring to pure whiteneſs and ſweetneſs, and conjoyn it with the aforeſaid Liquor.

This is an excellent thing to reſtore the radical moiſture, cure Conſumptions, conſerve Health, and keep back old Age. It is dedicated to Kings, Princes, and great Perſons, and to all ſuch as

as deſire to live long, by preſerving their Health. If thereto you add *ſal Margaritarum*, it will be yet of greater efficacy; for in that Salt is contained a certain Balſam of Life, with which every Philoſopher is not acquainted. It cures the Phthiſis, and Hectick, ſtrengthens the whole body, and comforts all the natural and vital faculties. it may be given every hour in Broth, or ſomething to drink. This Quinteſſence made of Capons, Partridges, Pheſants, Larks, and ſuch like Birds, is moſt effectual to the purpoſes aforeſaid. *After the ſame method you may make a Quinteſſence of Serpents (caſting away their Heads and Tails) for the ſame intentions as alſo to cure the Leproſy, Elephantiaſis, French Pox, &c. So alſo for all ſorts of Fiſhes for Phthiſicks or Ulcers of the Lungs, Hectick Fevers, and other waſtings of the Body.*

56. *Quinta Eſſentia Saturni Fabri*, Quinteſſence of Lead.

℞ *Lead, melt it, calcine it by ſtirring it with an Iron Spatula, reduce it into a fine ponder, and by a continued calcination, into Minium, diſſolve it in the beſt Spirit of Vinegar, which being clear and limpid, evaporate in a Braſs or Copper Veſſel, till the Magma remains of the conſiſtency of Honey: this again diſſolve and digeſt as before, for about 6 or 7 times: after this evaporate the Vinegar, and diſſolve the Magma in the beſt Alcholiz'd S.V. and digeſt in a warm B.M. for 15 days, in a glaſs ſo cloſe ſtopt, that none of the Spirits may get out. The laſt Solution put into a Retort, and be ſure to diſtil with a moſt gentle heat, till all the Spirit is come off: then change the Receiver, and augment the fire, till all the white and ſweet Spirit of the Lead are come forth; and at length an oily ſubſtance of a yellow color, and laſtly a red. This Oil rectify four or five times. The black faces at the bottom of the Retort, take out, burn, and with a ſtrong fire calcine, till they attain the higheſt white-*

whiteneſs. *From this Calx, with rain water ſeven times diſtilled in a boiling* B.M. *draw forth the fixed Salt, which filterate through Brown paper; then evaporate, calcine again, diſſolve, and filterate, as before; which work ſo often repeat, till the Salt is purely white, ſweet, and eaſie to be melted in a gentle heat like wax or Butter. This Salt you ſhall conjoyn to the White Spirit, and digeſt them in a warm* B.M. *for* 15 *days. Then diſtill, adding the diſtilled Liquor to the Magma, ſo long till the fix'd Salt aſcends and becomes Volatile, which Salt* 7 *times ſublime and conjoyn to the aforeſaid Oyls ſeventimes rectified: digeſt them together in a warm* BM *for a Month, ſo have you the Q. E. of Saturn or Lead.*

This *Arcanum* is the Balſam of Balſams for the Cure of all ſorts of Wounds, Ulcers, burnings, ſcaldings, and ſuch like affects. It cures Hecticks, Phthiſicks, and Conſuptions; extinguiſhes the preternatural heat of Feavers, comforts the natural powers, reſtores the radical moiſture, fortifies the Spirits, cures Fits of the Mother, Syncopes, all affects of the Brain, Delyrium, Epilepſy, Madneſs, Frenſy, Green-ſickneſs, Stoppage of the Terms, &c. Doſe ad ℈j in ſome proper broth, water, Syrup, *&c.* in a morning faſting, obſerving order; for it purges both upwards and downwards, as alſo by Urine and Sweat. *ſecundum naturæ exigentiam & neceſſitatem.*

57. *Quinta eſſentia Rubini, Fabri,* Quinteſſence of the Ruby.

Beat Bits of Rubys or Granates, and calcine them 3 *or* 4 *times with an equal quantity of Sulphur and Niter in a ſtrong Crucible, Repeat the Ignition or Calcination till the Calx is purely white: then waſh it in warm water to free it from the Salt, and dry it by the fire in a ſtrong Crucible for* 2 *or* 3 *dayes. To the pure white powder affuſe (if you pleaſe rectified) ſpirit of Salt in a wide glaſs: or to the ſpirit of Salt, put rather by degrees the Powder, leſt it ſhould boil over. The Ebulition*

lition ceasing, put the Powder and liquor into a glass. Matras, close up the mouth well, and digest for 15 dayes in a Boiling B.M. *till the ponder is dissolved. If in the first digestion it be not wholly dissolv'd, decant the first spirit, and on the remainder affuse new, digesting as before, till the whole powder is swallowed up by the spirit. All these solutions put into a bolt head, seal it up, and digest for a month in a warm* B.M. *that they may make a better Dissolution, and become a clear Water, which in a shorter time will scarcely be done. Then by Retort, draw off the Spirituous water of the Salt; after, change the Receiver, & augment the fire; so have you the rubicund Essence of the Ruby or Granate. If all will not ascend, but somewhat yet remains in the Retort, dissolve that again with the former spirit of Salt, first drawn off, by digesting it for several dayes, then drawing off the Spirit of Salt first, and after, changing the Receiver, with a stronger fire, force the whole Substance of the Ruby to ascend; which if it be not sufficiently red, digest in it new ponder of Rubies till it is well colored, which then keep in a glass close stopt for use.*

It is a wonderful Cordial, and preservative in pestilential times, from all poysonous, malign, pestiferous and contagious Diseases. It depurates the blood, and cleanses it from all its filth of what kind soever. It strengthens the Liver, and all the other Viscera. It multiplies the natural heat & radical moisture; It restores youthfulness, and retards old age, driving away sorrow, grief and Melancholy. Outwardly it cures all wounds, bruises and ulcers whatsoever, and restores the natural Balsam by which in a short time a cicatrize is produced. Dose 3ss ad 3j in broth, at any time or hour, according as the necessity of the sick requires. Outwardly applyed with lint or cotton, or mixt with fresh May-butter, and annointed therewith.

57. *Quinta essentia Terebinthinæ, Fabri,* Quintessence of Tupentine.

℞ *Venice Turpentine* lbj or ij, *mix it with as much of the beſt rectified* S. V. *ſtirring them with a little ſtick, till they be united. Put them into a large Glaſs body, ſo big, as that not above a third, or at moſt an half part be full; ſhake them then together ſo long till they become white; then put them into a cold place, that its hypoſtaſis may appear; the Spirit of Wine ſwimming above all, and the Turpentine diſſolved into a yellow Oyl; laſtly, a certain Salt of Turpentine of a pure white Color, which being ſeparated and dryed, is a Cathartick of moſt excellent Virtues, purging downwards without any moleſtation or trouble. The* S. V. *and Oyl mix together and digeſt in a warm* B. M. *in a glaſs cloſe ſtopt for* 15 *dayes. Then diſtil in Aſhes with degrees of Fire, firſt very gentle, till the ſpirit of Turpentine, with the* S. V. *and flegm are come forth. Now change the Receiver, and augment the fire, ſo will you have a yellow oyl; and continuing and augmenting the fire ſtill, you will have a red Oyl; which ceaſing to come, ceaſe the Diſtillation: The yellow and red oyls, joyn together, which two or three times rectify by a Retort. The Magma remaining at the bottom of the Alembick take and beat it into fine Powder; to which add double its weight of the Spirit of Turpentine, (which you had in the firſt diſtillation) joyned with the Spirit of Wine, digeſt them altogether in a warm* B. M. *for* 15 *dayes, till the Magma is all diſſolv'd, which diſtill with a very gentle fire: Cohobate, digeſt and diſtil again, which often repeat till the ſpirit aſcends with the Volatile Salt of the Turpentine, which comes forth at laſt, which is either coagulated in the top of the Alembick in form of Honey; or, reſides in the bottom of the Receiver in form of Oyl. The Magma which reſides after this laſt Diſtillation, burn and calcine, out of which draw a Salt, (which is but ſmall) by Elixiviation. If you deſire much of this fixed Salt (becauſe the whole ſubſtance is ſulphureus, and of*

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Volatile parts) *you muſt add to the Magmate, a large quantity of Roſin, which you muſt burn and reduce to Aſhes together, from which extract a Salt, and depurate it by the common rules. This Salt conjoyn with the former Volatile Salt; adding to their whole weight, a ſixth part of the ſpirit of Turpentine, or ſomething leſs, and of the yellow and red Oyls, a ninth or tenth part, which mix well together, and keep it in a glaſs cloſe ſtopt for uſe.*

It is an excellent thing to break the Stone, and bring forth Sand and Gravel, in both Reins and Bladder. It is one of the greateſt Diuretick and Openers, cleanſing the urinary paſſages of all manner of filth and matter which obſtructs them, or ſtops the making of water. It cures all Wounds and old Ulcers, though never ſo malign and rebellious. It eaſes pains of the Gout, and comforts and ſtrengthens the Nerves to a wonder, curing moſt Diſeaſes hapning to them. In curing a virulent Gonorrhæa, it has been found of excellent uſe, for it powerfully cleanſes and expurges the filth. It ſoftens the Meſentery, ſtrengthens the Liver, and depurates the Maſs of blood; it expels and brings forth pituitous and ſerous humors; as alſo all tough and viſcous ſlime. It kills Worms in Children, and takes away the crude matter which breeds them. Doſe ad ℥j. in Broth, or in juyce of Limons, or ſyrup thereof, in the morning faſting. Outwardly, it is applyed with Lint, or made into the form of a Balſam, and ſo uſed.

58. *Quinta eſſentia Thymi, Fabri,* Quinteſſence of Time.

℞ *Time, immacerate it in* S. V. *for a Month, make a Spirit thereof, and ſeparate from it its Flegm. Cohobate the Spirit upon the Faces four times, that the Volatile Salt may aſcend. Then from dryed Time make an Oyl* per deſcenſum, *till the Time is burnt and incinerated. This Oyl rectify by Retort with a little Vitriol, calcine to redneſs*

neſs, till it has loſt its Empyreuma. This Oyl conjoyn with freſh gathered Flowers of Time, which inſolate for ſome days. This done, expreſs the Oyl from the Flowers, and put to it again freſh flowers, which inſolate and expreſs as before. This inſolation iterate three or four times, till it has acquired a moſt fragrant odour. This Oyl thus impregnated, joyn with the ſpirit or volatile Salt. From the Aſhes made by drawing the Oyl, being firſt well calcin'd, extract a fixed Salt by the vulgar method, which free from all filth and impurity, which Salt conjoyn with the aforeſaid Oyl and volatile Salt, and keep the mixture for uſe.

It is excellent good againſt all ſhortneſs of Breath, Wheezings, difficulty of Breathing, Obſtructions, and many other affects of the Lungs; for it opens, comforts and preſerves them. It diſſolves Flegm, and glutinous Humors, penetrates, warms and drys all cold and moiſt Conſtitutions. It is powerful in the Sciatica and Gout; for it eaſes pain and ſtrengthens the parts to a wonder, and that even by external Unction alone. It helds the weakneſs of the ſight, ſtrengthens the Eyes, and fortifies the viſive Faculties, and Nerves, and multiplies the Animal and Viſive Spirits, taking away darkneſs, clouds and vapors which obfuſcate the Sight, or obſtruct the optick Nerves. It helps the concoction of all the *Viſcera*, multiplies the Natural heat, and preſerves the Vital. It acuates and ſharpens all the Senſes, both internal and external; facilitates and expedites the motions of the Members, warms and comforts the Nerves, and makes way for the circulation of the Animal Spirits through the whole Body. It cures Palſies, dead Palſies, Numbneſs, Cramps, and all other Diſeaſes proceeding from cold and moiſt cauſes. Doſe à gr. x. ad ℈j. in generous Wine in the morning faſting.

CHAP. VI.

Of ELIXIRS.

1. ELixir *Proprietatis Tartarizatum*, Tartarized Elixir of Property.

℞ *Aloes, Myrrh, Saffron, A.* ℥j. *moisten all with Tartarized Spirit of Wine, bringing the Aloes & Myrrh first into an Alchool by grinding: first extract the Tincture of the Saffron by affusing thereon* ℔j. *of Tartarized* S. V. *in the Tincture put the pouders of the Aloes and Myrrh, close the Vessel well, and circulate all for three Months; extract the Tincture and decant it: add tartarized* S. V. *again to the matter remaining, extract again and decant it: then distil the Faces which remain and add it to the former; and again, for a Month (without distillation) circulate them. Others extract the Tincture with Salt of Tartar Volatilized with* S. V. *by digestion; or with Tincture of Salt of Tartar, digesting so long till the bitterness of the Aloes is much abated.*

This is a noble Medicament, of very hot and thin parts, containing all the Virtues of the natural Balsam, conserving nature to extream old age. It cures Quartans, and is good against the Stone, in either Reins or Bladder. It quickens all the Senses, strengthens the Brain and Memory, cures the Vertigo, Lethargy, Megrim, Head-ach, Epilepsy, Palsy, Pleurisy, Convulsions, Jaundice, Consumption, Rickets, Catarrh, Scurvy, Plague, Pestilent Feavers, Gout and Sciatica. Lastly, it is a specifick against all sorts of Feavers, and indeed any Disease proceeding either from heat or cold, the which are strangely cur'd by it, by a certain occult property. Dose à gut. *x.* ad *xxx.* or more in Wine or other convenient vehicle.

2. *Elix-*

2. *Elixir Proprietatis Maxij.* Maxy his Elixir of Property.

℞ *Quinteſſence of Sena* ℔iiij. *fine Aloes, choice Myrrh, Engliſh Saffron,* A. ℥iiij. *all, except the Saffron, in fine powder: firſt extract the Tincture of the Saffron in a glaſs Veſſel cloſe ſtopped for* 3 *or* 4 *days, which decant and reſerve it: to the Saffron put Quinteſſence of Jallap* ℔iſs. *which digeſt again, and decant the Tincture, reſerving it with the former. To theſe reſerved Tinctures, put the Aloes and Myrrh, digeſting for* 10 *days, in a gentle Sand heat, ſhaking it twice or thrice every day; then encreaſing the heat for about an hour, take it off, and being well ſetled, decant the clear and keep it. Upon the* Magma *remaining put new Quinteſſence of Jallap, and, as aboveſaid, digeſt again, and decant: mix both the Decanted liquors together, and keep them in a Glaſs cloſe ſtopt for uſe.*

It has all the Virtues of that of *Paracelſus*, and of the former, and in my Opinion much ſuperior to them, curing moſt Diſeaſes proceeding from corruption and putrefaction of Humors. It purifies the Blood, facilitates its circulation, and is a ſpecifick in the cure of the Kings Evil, Scurvy, Dropſy, Gout, Jaundice, Scabs, Itch, Herpes, all ſorts of breakings out, and many almoſt incurable Diſeaſes. It provokes the Terms in Women, and cleanſes excellently ſuch as are in Child-bed. Doſe à ℈j. ad ℥j. in Wine or other proper Liquor: ſtrong people may take it to ℥ij.

3. *Elixir Stomachicum Maxij.* The Stomack Elixir.

℞ *blood red Tincture of black Pepper, made into Tartariz'd Spirit of Wine* ℥viij. *Oyls of Cinnamon, Saſſafras, Cloves, Wormwood, Mint, Citron and Orange Peels,* A. gut. x. *fine Sugar* ℥iij. *mix the Oyls with the Sugar very well, then with the Tincture.*

It takes away fainting and ſwooning Fits, comforts a cold and weak Stomach,

helps Digeſtion, and fortifies all the noble parts. Doſe à ℥ſs. ad ℥j. or more in Canary.

4. *Elixir Hyſtericum Maxij*, The Hyſterick Elixir.

℞ *rectified Spirits of Saffron and Caſtor, A.* ℥vj. *Tinctures of Saffron and Caſtor, A.* ℥iiij. *diſtilled Oyls of Rue, Amber, Penny-royal, Wormwood, A.* gut. x. *Oyl of Savin*, gut. xxx. *treble refin'd Sugar* ℥ v. *malax the Oyls with the Sugar well, then mix them with the Spirit and Tincture, and keep them for uſe.*

It is a powerful Remedy againſt all Diſeaſes of the Womb, chiefly Fits of the Mother; it expells Wind, and eaſes pains in all thoſe parts. Doſe à ℥j. ad ℥ij.

5. *Elixir Nephriticum*, Elixir againſt the Stone.

℞ *Quinteſſence of Juniper-berries, of our Nephritick Tincture, A.* ℔ij. *Oyl and Salt of Juniper, A.* ℥ſs. *Salt of Egg-ſhells* ℥iij. *treble refined Sugar* ℥iiij. *mix well the Oyl and Salt with the Sugar, and then with the Liquors: which circulate for three Months, and keep them for uſe.*

This mightily breaks and expels the Stone both in Reins and Bladder, provokes Urine, helps the Strangury, and is an excellent thing againſt the Chollick, Gripings of the Guts, Scurvy, Jaundice and Dropſy. Doſe à gut. ij. ad xx.

6. *Elixir Alexiterium*, Elixir reſiſting Poyſon.

℞ *a ſtrong Tincture of Contra Yerva and Virginian Snake-root, made in tartarized Spirit of Wine* ℔ij. *Camphir* ℥ij. *Saffron* ℥ſs. *diſſolve the Camphir with the Tincture by degrees upon a ſtone, then put it into the Tincture, and, after that, the Saffron: digeſt* 10 *or* 15 *days, then decant and keep it for uſe.*

It reſiſts putrefaction and poyſon, and is a powerful Diaphoretick, expelling the malignity of the Meaſles, Small-Pox, Plague and Malign Feavers, preſerving the Heart

Heart ſafe and free. Doſe *à gut. x. ad xx. Spiritibus vel Tincturis Cardiacis. Veneris autem ſtimulum arcere, conceptumque impedire creditum eſt.*

7. *Elixir Subtilitatis Paracelſi*, The Elixir of ſubtility of *Paracelſus*.

℞ *Oyl Olive, Honey*, S. V. *rectified and tartarized, A. diſtil them all together in Aſhes; then ſeparate all the Flegm from the Oyls, which will be diſtinguiſhed by the many colors; put all theſe into a Pellican, and add to them the third part of the Eſſence of Bawn and Celladine; digeſt them for a Month, then keep it for uſe.*

This not only reſiſts putrefaction, but alſo preſerves all things from putrefaction which appertains to Animate bodies. This is the Balſam of Philoſophers, which no ſenſible body is able to reſiſt, it being ſubtil, and able to penetrate every thing. It opens all Obſtructions in the body, after a wonderful manner; with many other things, whoſe vertues cannot be declared particularly in this place.

8. *Elixir Vitæ Authoris*, Our Elixir of Life.

℞ *Quinteſſences of Roſemary and of Cloves, of each* ℔iiij. *Quinteſſence of Bawm and Cellandine, A.* ℔j. *dryed Roſemary, Lavender and Sage, A.* ℥v. *Cloves ſliced* ℥ij. *digeſt all for three Months; then decant off the clear Elixir, in which diſſolve treble refined Sugar* ℥xv. *circulate all for a month, and keep it for uſe.*

The Vertues of this Elixir are great, in curing and preventing the Vertigo, Falling-ſickneſs, Apoplexy, Palſy, Madneſs, Melancholy, Swooning, Aſthma, weakneſs of the Ventricle, want of Appetite, and all cold Diſeaſes of the Stomach; it is a good Cephalick and Hyſterick, provoking the Terms, and helping the Green ſickneſs; it alſo facilitates Delivery in Child-birth. Doſe à ℈j. ad ℥j. in a convenient Vehicle.

9. *Elixir Abſinthij*, Elixir of Wormwood.

℞ *Powers of Wormwood*,

℔iiij. *choice Wormwood well dryed* ℥iiij. *infuſe and digeſt in a very gentle ſand heat to redneſs; then decant it, & keep it in a glaſs cloſe ſtopt for uſe. Or you may keep it upon the faces.*

It is a good Antiſebritick and ſtomatick, cauſes a good apperite and digeſtion, repreſſes Choller, ſtops Vomiting, and all the irregular courſes of Nature: it provokes Urine, is good againſt Surfeits, and cures the yellow Jaundice. The conſtant uſe hereof preſerves the Eye-ſight, and the whole Body in health: The much uſe hereof brings down the Courſes in Women, and keeps them in due order. It is powerful againſt the Infection of the Plague, and of all malign and contagious Diſeaſes; and cures the biting of any venomous or poyſonous Creature whatſoever. It purifies the blood from all manner of impuritics, and cleanſes it from all ſharp, ſalt, corroſive and cholerick humors. It kills worms both in Children and elder people, almoſt to a Miracle; and conſerves a good habit of body to extream old age. It cures a ſtinking breath, expels wind, eaſeth pains of the Spleen. It opens Obſtructions of the Lungs, cauſing a free breathing; and by the conſtant uſe thereof makes a ſtrong Brain and quick Eye-ſight. Doſe â gut. viij. ad xx. in choice Canary.

10. *Elixir Aurantiarum*, Elixir of Oranges.

℞ *Powers of Oranges* ℔iiij. *freſh yellow rinds of Oranges* ℥iiij. *infuſe and digeſt in a very gentle ſand heat to the height of color; then decant it, and keep it in a glaſs cloſe ſtopt for uſe: Or you may keep the liquor upon the Faces.*

It is good againſt Diſeaſes of the Head, Stomach and Womb, proceeding of cold and moiſture: bathed upon the Temples and Forehead, it eaſes the pains of the Head, and upon the Region of the Womb, it gives eaſe in after-pains to Women that Lye-in. It is very prevalent againſt Hyſterick Fits, and all manner of paſſions of the Womb and

and Spleen: It has all the other vertues of the *Poteſtates* or Powers, which ſee in Cap. V. Sect. 30. of this Book.

11. *Elixir Baccarum Lauri*, Elixir of Bay-berries.

℞ *Powers of Bay-berries* ℔ *iiij. pouder of Bay-berries, or of Bay-leaves* ℥*iiij infuſe and digeſt in a very gentle ſand heat, for a month, ſhaking the Veſſel twice a day: then decant the Elixir, and keep it in a glaſs cloſe ſtopt for uſe; or, you may keep the Elixir upon the faces.*

Some very learned men have informed me, that they have found this Elixir to be prevalent againſt Witchcraft: however, to my knowledge, it has cured many ſtrange Diſeaſes, and ſuch whoſe cauſes have been very occult or hidden, ſo that the wiſeſt Phyſician preſent could make no judgment on it. It is powerful againſt the Stone and Gravel both in Reins and Bladder, opens Obſtructions of the Meſentery, Ureters, Liver and Spleen, and is profitable againſt both Dropſy and Jaundice; as alſo againſt the bitings of all venomous creatures, and the infection of all malign, contagious and peſtilential Diſeaſes; in thoſe caſes it may be mixt with a little Treacle-water, and ſo given to the ſick. It provokes the Terms, and facilitates the Labor of Women in Travel, cauſing a ſpeedy Delivery, both of Birth and After-birth. It is good againſt Catarrhs, and all cold and Rheumatick diſtillations from the Brain to the Eyes, Noſe, Pallet, Lungs, or other parts. It is profitable in Conſumptions, old Coughs, ſhortneſs of Breath, thin Rheums, Megrim, Lethargy, and pains of the Head: It prevails againſt the Vertigo, expels Wind, provokes Urine, helps the Diſury, fits of the Mother, and all cold griefs of the Head, Nerves, Joynts, Womb, Stomach, Liver, Spleen, Meſentery and Belly. It is good againſt Palſies, Convulſions, Cramps, Aches, Tremblings and Numbneſs in any part; pains of the Ears are cured hereby; as alſo Cramps, and other

other Diſeaſes of the Nerves. Outwardly, you may bath with it; inwardly, you may give it *à gut. xx ad xxx.* or more in a glaſs of Canary, or other more proper Wine or Vehicle, morning and night, or when occaſion requires.

12. *Elixir Seminum Carui*, Elixir of Caraway-ſeeds.

℞ *Powers of Caraways* ℔iiij. *Caraway ſeeds bruiſed* ℥iij. *mix, infuſe and digeſt in a very gentle heat in Sand for a Month, ſhaking the Veſſel once or twice a day: then, being perfectly ſetled, you may decant the clear Elixir, and keep it in a glaſs cloſe ſtopt for uſe. Or elſe keep it upon the Faces.*

This Elixir has a ſharp and attenuating property; it incides, opens, provokes Urine, expells Wind, Gravel and the Stone; it comforts the Stomach, helps Digeſtion, and ſtops Vomiting. It is indeed very much conducing to all cold, moiſt and windy Diſeaſes of the Head, Nerves, Stomach, Bowels and Womb: it is good againſt the Cholick, griping of the Guts, Palſy, Lethargy, and ſharpens the Eye-ſight: it has indeed all the Virtues of Powers of Carraway much exalted, and to which I refer you. See *Cap. 5. Sect. 9.* of this Book.

13. *Elixir Caſtorei*, Elixir of Caſtoreum.

℞ *Powers of Caſtoreum* ℔iiij. *Caſtor in fine pouder* ℥iij. *mix, infuſe and digeſt in a very gentle heat in Sand for a Month, ſhaking the Veſſel once or twice a day: then being perfectly ſetled, you may decant the cleer Elixir, and keep it in a glaſs cloſe ſtopt for uſe; Or elſe you may keep it upon the Faces.*

It powerfully reſiſts poyſon, and the bitings of Venemous Beaſts, provokes the Terms, and brings forth both Birth and After-birth: it expels Wind, eaſeth pains and aches: takes away Convulſions, Sighings, Lethargies, and the Fits of the Mother. It is powerful againſt Trembling, the Falling ſickneſs, and ſuch other ill affects of the Brain and Nerves: Doſe *à* gut. x. ad

ad xxx. in any proper Vehicle.

14. *Elixir de Contra yerva*, Elixir of the Spaniſh-Counterpoiſon.

℞ *Powers of Contra Yerva* ℔ j v: *the Root groſly bruiſed* ℥ j v: *mix, infuſe, and digeſt them in a gentle Sand-heat for a month, ſhaking the ſame once or twice a day; after which being ſetled, you may either decant the clear, or otherwiſe keep it upon the faces.*

It is a powerful expeller of all poyſons chiefly of Vegetables and Animals: It potently encounters with the Malignity of the Plague, and and of all other Contagious Diſeaſe, as poiſonous Diarrhœa's, Dyſenteria's, ſmall Pox, Calenture, *&c.* It is good againſt the bitings of mad Dogs, Serpents, and of all other Venomous Creatures. It defends the heart, againſt all ſorts of Malignity whatſoever, and is profitable againſt Fainting, Palpitation of the Heart, ſwooning fits, and other Diſtempers of the Thorax, Doſe â gut, xvj ad xxx, in Cinnamon or other Cordial Water.

15. *Elixir de Lavendula*, Elixir of Lavender.

℞ *Powers of Lavender* ℔ j v. *Lavender flowers or ſpikes very well dry'd* ℥ j v, *mix, infuſe, and digeſt them together in a gentle ſand-heat, for a Month, ſhaking the ſame once or twice a day, after which being ſetled, you may either decant the clear, and keep in a Glaſs cloſe ſtopt for uſe: Or, otherwiſe keep it upon the Faces.*

It is a moſt admirable thing againſt all pains and diſeaſes of the Head, ſuch chiefly as proceed from a cold and moiſt cauſe, as the Apoplexy, Falling Sickneſs, Carus, Lethargy, Cramp, Convulſions, Palſies, and Weakneſs of the Nerves. It prevails againſt Faintings, Strengthens the Stomach, opens obſtructions of the Liver and Spleen, provokes the Terms, and expells both Birth and Afterbirth, it provokes Urine, and is a preſent Remedy to ſuch as are trouled with the Cholick, being taken

taken inwardly, and the parts affected bathed therewith. It is said to prevail against the Virtigo, or swimming of the head, eases the Tooth-ach in a moment, helps them which have lost their Voice, and gives relief in Tremblings, faintings soonings, and other the like Passions of the Heart. Dose à gut x. ad xx. or xxx. in any proper Vehicle.

16. *Elixir è Corticibus Limonium*, Elixir of Limon Peels.

℞ *Powers of Limon peels* ℔ jv, *the yellow part the Limon Peel (being freesh)* ʒ jv: *mix, infuse, digest for month, and make an Elixir, as aforesaid.*

It is an admirable thing to expell Wind, and to give ease in the most exquisite Dolors of the Cholick. It is Cephalick and Cordial, and cures all cold and moist diseases of the head, brain nerves, and joints, by warming, comforting and strenthning of them: It is excellent good against fainting and swooning fits: weakness, palpitation, or other passions of the Heart: It has indeed all the Virtues of the *Potestates Limonium* mentioned at *Sect.* 14. of this Chapter, but much more powerful, to which I refer you.

17. *Elixir de Melissophyllo*, Elixir of Bawm.

℞ *Powers of Bawm* ℔ jv. *Tops of Bawm in their prime and well dryed* ʒ jv, *mix, digest, and make an Elixir, as aboveseid.*

This Elixir corroborates Nature mightily, strengthens a weak Stomach; and causes a chearful heart and Soul: it indeed revives the Spirits and makes the Creature become merry; is good against faintings and swoonings; and is powerful against all natural Melancholy: It comforts and corroborates the Head, Brain and Nerves, and resists diseases of those parts coming of Cold: it expels melancholy Vapors from the Spirits and blood, which are in the Heart and Arteries, and conserves the natural and radical Heat and Humidity to the height of old Age:

It

It is powerful againſt the Meaſles, ſmall Pox, Plague, and all ſorts of Malign Feavers; as alſo againſt the Poiſon of any venomous Creatures, as the biting of mad Dogs, Vipers, Serpents, &c. It is good againſt Surfeits, Gluttony, Gormandiſing and Drunkenneſs, being duly us'd after them; it helps the Cholick and griping of the Guts, and alters the Habit of the Body in ſuch as are troubled with the Gout, Kings Evil, Obſtructions of the Lungs, Liver and Spleen; it facilitates both Birth and Afterbirth, and Comforts the Woman in Labor after ſore and hard Travel. Doſe *à* gut. xx. *ad* ℈ij, in Wine, or ſome other fit Vehicle.

18. *Elixir de Mentha*, Elixir of Mint.

It is made of the Powers of Mint ℔ jv, *and dryd Mint* ℥ jv, *as the former.*

It ſtrengthens the whole body, but is chiefly deſigned againſt a weak Stomach, for which purpoſe it is thought to tranſcend all other things: it ſtops Vomiting, allayes thirſt, and quenches the fiery heat of the Stomach, more eſpecially if mixt with a little juice of Limons: It provokes Luſt, ſtayes hiccoughs, and takes away the heat of Choler. It is alſo Powerful againſt the bitings of mad Dogs, and of other venomous Creatures; it opens Obſtructions of the Lungs, and prevails againſt Wheaſings, Shortneſs of Breath, Difficulty of Breathing, Aſthma's, *&c.* being often uſed, it takes away the Acidities of the Stomach, and cauſes that Milk will not curdle there no not where there has been a precedent aptneſs thereto. Some ſay, That it provokes the Terms, others, That it ſtops them; however it is an admirable thing to ſtop the Whites in Women: it gives eaſe in pains of the head, ſweetens the Blood, and thereby takes away all manner of breakings out, ſores, ſcabs, *&c.* in old or young. It heates a cold Liver, ſtrengthens the Bowels and Meſentery, cauſeth a good Digeſtion, provokes Appetite, and helps ſuch as are afflicted with

with the Spleen. It is alſo good againſt the Strangury, and the gravel and ſtone in the Reins. The conſtant uſe hereof ſtrengthens the Brain, cauſeth a good Memory, and takes away a ſtinking breath: Doſe à gut. xx ad xxx. or more in Syrup of Quinces, or Syrup of Coral, or any proper Vehicle.

19. *Elixir Roſmarini*, Elixir of *Roſmary*.

It is made altogether as the former Elixirs.

As to its Virtues they are many both for inward and outward Diſeaſes, eſpecially in all thoſe Diſeaſes proceeding of Cold and moiſture, whether in the Head, Brain, Nerves, ſtomach, Womb, Liver, Bowels or Meſentery. It ſtops fluxes of Rheum into the Eyes, and cauſes a pleaſant, quick and ſharp ſight. It is good againſt the Vertigo or Giddineſs in the Head, Carus, Lethargy, and other ſleepy Diſeaſes, as Drouſineſs, dulneſs of the mind and ſenſes: It helps Stupidity, and dumbneſs proceeding from ſome Accident. It is alſo good againſt the Apoplexy and Falling ſickneſs, being taken inwardly, and the Temples bathed therewith. It prevails againſt pains of the Teeth and Gums, and takes away a ſtinking Breath ariſing therefrom. It comforts a cold Stomach, helps a weak Memory, clears the Ey-ſight and quickens the Senſes. It cauſeth both retention and digeſtion of Food in the Stomach, expelling wind thence, and is good to be given to ſuch as have the Rickets inwardly, and to be bath'd outwardly therewith; for that that powerfully opens all obſtruction of the Lungs, Liver and Spleen. It is powerful in repreſſing and curing Catarrhs, and drying up the ſuperfluous humidities of the Brain: it cures the yellow Jaundice, comforts the heart, revives the Spirits, and preſerves from the poiſon and Contagion of the Peſtilence. Daily given to women which have the whites, it helps them, and is profitable againſt Coughs, Phthiſicks, and thin Diſtillations of Rheum. Outwardly, bath'd upon cold benummed

numm'd Joynts or Sinews, it heats, warms, and comforts them; ſo alſo it helps an extream pain of the Head by bathing the part pained therwith, and, taking the ſcent thereof ſtrongly up the Noſtrils. Doſe inwardly à gut. *xx* ad *xxx*, or more, in wine.

20. *Elixir de Ruta*, Elixir of Rue.

It is made as are the Elixir of other Herbs and Plants.

Its Virtues are many, great and famous; being an Antidote and Counterpoyſon not only againſt all Vegetable and animal Poyſons, but againſt the moſt contagious malignity and Venom of the Plague or Peſtilence; but being too often taken, conſumes the ſeed, abates Venery, and deſtroyes the Generative power and Faculty: it eaſeth all ſorts of Pains and torments whatſoever, being inwardly taken & outwardly apply'd to the place. It helps pains in the Breaſt and Sides, Coughs, Stiches, Pleuriſies, bruiſes, Difficulty of breathing, Inflamation of the Lungs, and the ſhaking fits of Agues. It's powerful againſt the Wind-Cholick, fits of the Mother, and kills Worms whether in old or young: outwardly apply'd, it eaſes pains of the Gout proceeding from a cold Cauſe, whether in the Hands, Feet, Knees or Hips, for which laſt it is ſaid to be a moſt admirable thing. It dryes up the watery humor in Dropſies; eaſes pains of the Eares, and mixt with the Gall of a cock and a little honey, helps dimneſs of Sight by applying it, or cauſing it to be dropt therein: The Doſe is á gut. xij ad xx. or more, in a glaſs of choiſe Canary; which in times of Plague and Contagion, ought to be taken every Morning faſting; and laſt at night going to bed.

21. *Elixir Radicis Serpentariæ*, Elixir of Virginian Snake-root.

It is made as is that of Contra-Yerva, or the Spaniſh Counter-poiſon.

This Elixir has all the Virtues of that of *Contrayerva*, and may well be ſubſtituted in

in the ſtead thereof, if occaſion be, it being rather the more powerful to all the Intentions there ſpecified. It powerfully reſiſts Poyſon, and cures the Bitings of all ſorts of venomous Creatures, yea, the poiſon of the Rattle Snake, the which is preſent death, except help'd by this Medicine; for the poiſon of that Creature kills not only immediately, but overcomes the power of all other Antidotes, except of this herb alone; by which we may ſet the Eſtimate of this Antidote; and value it above all other Counter-poiſons. It is an admirable thing againſt the Plague or Peſtilence, and againſt all ſorts of Malign Feavers; and is good for ſuch whoſe Brains have been hurt by poiſonous Fumes: it comforts the heart, revives the ſpirits natural, vital and animal; relieves languiſhing Nature, reſtores ſuch as are in conſumptions, and is exceeding good againſt Palpitations of the heart, fainting and ſooning Fits, and ſuch other like Diſtempers. It cures alſo moſt Diſtempers of the head; chiefly ſuch as proceed from a cold and moiſt cauſe, from a certain ſympathetick and ſpecifick property, which this Medicine has to the ſame. I have known the Falling-ſickneſs cured by the Uſe of this Medicine alone: and ſome other learned men have communicated to me, That they have often cured with it, the Apoplexy, Convulſions, Palſies Lethargies, with other dull, Drouſie and ſleepy Diſeaſes, after that many other Medicines had been uſed in vain. Doſe ā gut. xx. ad xl.

22. *Elixir de Salvia*, Elixir of Sage.

It is made of the Powers of red Sage ℔iv. *and dryed red Sage gathered when 'tis in its flowring* ℥jv, *by mixing, infuſing, digeſting, ſhaking, &c.*

This Elixir purifies, ſweetens and renews the Blood, and ſtrengthens the Liver, Spleen and Meſentery to a Miracle: it opens all Obſtructions in thoſe parts, provokes Urine, brings down Womens Courſes, expels the dead Child, and facilitates both Birth

Birth and After-birth. It is a powerful Medicine to cure Barrenneſs, and to cauſe Women to conceive, eſpecially if the Womb was well cleanſed beforehand with a proper Specifick: This Medicine not only cauſes Conception, but preſerves the fruit in the Womb from Miſcarriage or Abortion: it cures ſpitting of Blood, and reſtores ſuch as are in a deep Conſumption: it is ſaid to cure all ſorts of pains of the head proceeding from a cold and pituitous Matter, and takes away rheumatick pains of the Joynts, in what part of the Body ſoever. It is good againſt the Epilepſy, Apoplexy, Carus, Lethargy, Megrim, Palſy, dulneſs, ſleepineſs, and heavineſs of the whole Body, and ſtops all ſorts of defluxions of Rheum into any part of the Body whatſoever. Its alſo prevails againſt Diſeaſes of the breaſt and Lungs, as hoarſneſs, coughing, ſhortneſs of Breath, Aſthma, &c. It is prevalent againſt the bitings and ſtingings of venomous beaſts of all ſorts, ſtops Fluxes of Rheum into the mouth, and being made into a Gargle (with ſome proper Vehicle) as a ſolution of Honey and Alum in Wine and Plantane-water) it cures ſore Mouths and Throats, Cankers and Ulcers, whether in the Mouth or ſecret parts; by the conſtant uſe of this Elixir, the ſenſes are quickned, and the Memory mightily ſtrengthned and confirmed. Outwardly, by bathing, it eaſes pains, takes away numbneſs, ſtrengthens the Nerves, and helps the Palſy. Doſe à gut. xx ad xl. or more in ſome proper Vehicle.

23. *Elixir Vita rubrum Reineſii*; Reineſius his red Elixir of Life.

℞ *red Sanders* ℥ſs. *Cloves, Ginger, A.* ℥ vj. *Nutmegs,* ℥ſſs. *Cinnamon* ℥ii. *Cardamoms, Cubebs, long Pepper, A.* ℥ iij. *Mace, Galangal, Caraways, Peony-ſeeds, A.* ℥ij. *Species Diambræ, Pleres Archonticon, Cordiales temperata, Letificans Rhaſis, A.* ℥j. *Penyroyal, Baſil, Lavender flowers, flowers of Lilly-Convally, A.* M j. *Juniper-*

berries ℥ j. *Rectified* S. V. ℔ jv. *roſe-water, water of Black cherries,* A. ℔ ſs. *Aqua Caryophyllorum, Cinnamon-water diſtilled with Quinces,* A. ℥ j. *Mallago Wine* ℥ xx, *mix, and digeſt in a moderate heat in ſand for* 10 *or* 12 *days, then ſtrain by Expreſſion; to which ſtrained liquor add white Sugar-Candy* ℔ j: *which being diſſolved, gently ſtrain again.*

This is a good Stomatick, comforts the Head, Brain, Nerves and Bowels, by warming them; it cauſes a good Apetite to food, and a ſtrong digeſtion, by ſtrengthning the internal Faculties of the Stomach: it is alſo a good thing againſt many Diſeaſes of the Brain, and may be of good uſe to be continually drunk by ſuch as are accuſtomed to the Falling Sickneſs, or have any Diſtemper proceeding from Cold and moiſture of the Brain. Doſe one Spoonful morning and night.

CHAP. VII.

Of TINCTURES.

1. *Tinctura Aurea,* The Golden colored Tincture.

℞ *Tartarized Spirit of Wine* ℔ x. *Engliſh Saffron, Cochenele, A.* ℥ ij. *digeſt all for* 20 *days, then decant off the Tincture, or you may keep it upon the Magma.*

It is good againſt ſadneſs, melancholy and dejection of Mind; the Plague, Small Pox, malign Feavers, and the bitings of venemous Beaſts. It ſtrongly provokes the Terms, and helps in Fits of the Mother. Doſe *à* ℈j. ad ℈ij. in any convenient Liquor; give it in the morning, or in time of Fainting.

2. *Tinctura Vitæ Noſtra,* Our Tincture of Life.

℞ *Tartarized* S. V. ℔ vij. *grains*

grains of Kermes ʒij. *Cinnamon bruiſed* ʒi ß. *Cloves* ʒß. *Cochenele, Saffron, A.* ʒij. *digeſt, and ſeparate the Tincture according to Art.*

It is good in all caſes where the former is uſed: it chears the Spirits, prolongs Life, and comforts the Heart, Stomach and Inteſtines. Doſe à ℈j. ad ʒij.

3. *Tinctura Cardiaca,* The Cordial Tincture.

℞ *Tartariz'd Spirit of Wine* ℔x. *Cinnamon elect* ʒv. *Zedoary, Scorzonera, Roſemary-flowers, A.* ʒj. *digeſt* 20 *days, and ſeparate the Tincture from the Faces.*

It is a very great Cordial, revives all the Spirits, exhilerates and makes merry a ſad and drooping Heart: it reſiſts, Poyſon, Plague, Small-Pox, and all ſorts of malign Feavers, cures the biting of all ſorts of Serpents, and other Venomous Beaſts: and facilitates the Birth; having all the vertues of Cinnamon, and the other ſimples adjoyned. Doſe à ʒj. ad ʒiij. in extremity, It is an admirable Cephalick, curing moſt Diſeaſes of the Brain.

4. *Tinctura Roſarum Compoſita,* Tincture of Roſes Compound.

℞ *Damask Roſes dryed* ʒiiij. *Berries of Chermes* ʒj. *Tartariz'd* S. V. ℔iiij *digeſt* 10 *days; then decant, and put thereinto, in a Nodle, Ambergriſe* ʒj. *Musk* ʒß. *after twenty days infuſion, you may (if you ſo pleaſe) diſſolve in it a pound of treble refin'd Sugar; or you may keep the Tincture intire, and mix it when you have occaſion to uſe it, with Syrup of Clove-Gilliflowers, and a little choice Canary.*

This is deſigned as an Antidote againſt Melancholy, comforting the Brain, and all the internal Senſes: it makes the Heart glad and merry, and cures all Fluxes; but ſee you give it not to Women with Child, or ſuch as are troubled with Fits: without the Sugar, it is generally uſed as a perfume, from gut. ij. ad xx.

5. *Tinctura Corticum* Tincture of the Peels or Bark.

℞ *Cinnamon bruiſed, Limon, Orange and Citron Peels, A.* ℥iiij. *Mace* ℥ij. *Tartarized S.V.* ℔vj. *mix, digeſt* 20 *days, and ſeparate the Tincture.*

It is an excellent thing againſt the Falling-ſickneſs, Apoplexy, Palſy, Vertigo, Megrim, and the like; ſtupefaction of the Senſes, defluxion of Rheum, Faintings, Swoonings, Suffocation of the Womb, Chollick, *&c.* give it with ſome Cephalick Water, à ℥j. ad iij.

6. *Tinctura Hyſterica Noſtra,* Our Tincture againſt Fits.

℞ *Tartarized Spirit of Wine* ℔v. *Caſtoreum* ℥iiij. *Saffron* ℥ij. *Camphir* ℥j. *firſt diſſolve the Camphir in a little of the Spirit upon a Stone, then with the Caſtor and Saffron, put it into the Spirit; digeſt* 20 *days, and ſeparate the Tincture for uſe.*

It is a good Hyſterick and Cephalick, helps the Suffocation of the Womb, or Fits of the Mother, pains of the Heart and Stomach, and all cold Afflictions: give it morning and evening à ℥j. ad ij. or iij. in Mint or ſome Hyſterick water. But if the Sick is troubled with pains of the Head, you muſt not give it unleſs you leave the Camphir out; and then inſtead of the Tartariz'd S.V. it will be beſt to make it with rectified Spirit of Roſemary.

7. *Tinctura Nephritica Noſtra,* Our Tincture againſt the Stone.

℞ *Winter-Cherries, Horſe-Radiſh roots, dryed and well bruiſed* ℥iij. *Juniper-berries* ℥ij: *ſeeds of Fennel, Smallage, Parſly, Saxafrage, Cardamoms, Gromwel, Hog-Lice dryed and poudred, A.* ℥j. *tartariz'd S.V.* ℔viij. *digeſt* 20 *days, decant and reſerve the Tincture: then take rectified S.V.* ℔viij. *Natural Balſam* ℔j. *digeſt till all or the greateſt part of the Balſam is diſſolved, ſhaking it twice or thrice every day: at laſt mix with it the former reſerved Tincture, and keep them together for uſe.*

It breaks the Stone, and brings away Gravel wonder-

ful

fully, whether in the Reins or Bladder; it is good againſt the Dyſuria, Stranguria, and difficulty of Piſſing: and as it were magically effects the Cure. Doſe à ʒij. ad ʒiiij. or more, in Poppy or Arſmart-water, in which Salt of Egg-ſhells à gr. viij. ad xvij. or ℈j. is diſſolved.

8. *Tinctura Diaphoretica Paracelſi, cum Opio*, Paracelſus his Sweating Tincture, with Opium.

℞ *Tartarized* S.V. ℔iiij. *Thebian Opium* ʒvj. *Saffron, Cochenele, A.* ʒj. *digeſt and make a very ſtrong Tincture: decant from the Faces: to this Tincture add of the Diaphoretick Tincture of Paracelſus (taught in Our* Pharm. Lib. 4. Cap. 7. Sect. 25.) ℔xij. *mix, digeſt, circulate, for a Month, and keep them for uſe.*

It is a moſt admirable thing to cauſe Sweat; you will find it as good a ſudorifick, as is ordinarily to be met with, expelling tartarous Diſeaſes, the Scurvy, Pox, Dropſy, Jaundice, and Gout. It melts icy and reſinous Humors, expelling Wind in any part; by its Balſamick Virtue it reſiſts putrefaction, expelling the malignity of the Meaſles, Small Pox, Plague and Poyſon. To ſtrong bodies you may give à ℈j. or ℈ſs. ad ʒij. without any danger, and encreaſe it *ad* ʒij. or more, as you ſee need requires.

9 *Tinctura Croci Metallorum Compoſita, Mayherni*; Compound Tincture of the Crocus of Metals.

℞ *Vinum Benedictum filterated* ʒ *j. Carduus-Water, Oxymel ſimple, A.* ʒiſs. *mix them.*

It is an excellent Doſe to be given in a morning with due care againſt the Gout; it prevails above many other Medicines againſt that Diſeaſe. Let it be renewed three times, intermitting two or three days, agreeing to the ſtrength and diſpoſition of the Stomach: according to the Age and ſtrength of the Patient, you may augment the *Vinum Benedictum*, ad ʒx. or ʒjſs. as you ſee occaſion.

10. *Tinctura, ſeu Laudanum*,

num Liquidum Scheferi; the liquid Laudanum of Schefer.

℞ *Thebian Opium (dryed as Quercetan adviſes)* ℥ſs. *Engliſh Saffron, Species Diambræ, Aromaticum Roſatum* A. ℈iiij. *Ambergriſe* ℥ſs. *rectified* S.V. ℥vj. *Oyl of Vitriol* ℥ſs. *infuſe all in a glaſs Matraſs cloſe ſtopt for* 20 *days, filterate, keep it for uſe.*

It is a moſt admirable ſoporifick, eaſes all pains in a moment, and performs it in a moſt admirable manner, whatever the moſt excellent Laudanum can do. Doſe à gut. iij. ad xij.

11. *Tinctura Mercurij, Præſtantiſſima*; a moſt Powerful Tincture of Mercury.

℞ *Corroſive ſublimate* ℥jſs. *corroſive red præcipitate* ℥ſs. S.V. *rectified* ℔j. *digeſt a week, and decant the Liquor for uſe.*

It is a very good thing againſt Phagedenick and Venereal Ulcers, Botches and Tumors; with this Tincture but juſt wet the Ulcer or Fiſſure, then apply Tents or Pledgets, which have ſoakt in the ſame Liquor, and are dryed again; or you may make Tents, *&c.* of Lint ſcrapt off of cloth dipt therein and firſt dryed. Uſe this as a Secret, but with Caution.

12. *Tinctura ſenæ compoſita*, Tincture of Sena Compound.

℞ *Tartarized ſpirit of Wine* ℔viij. *choice Sena* ℔ij. *Jallap in pouder* ℔ſs. *digeſt forty days; then preſs out the Spirit hard; after filterate and keep the Tincture for uſe.*

It is a powerful thing to cure all hard, difficult and chronick Diſeaſes; and is profitably applyed to the Pox, Gonorrhæa, Jaundice, Dropſy, Scurvy, Gout, Kings-Evil, Scabs, Leproſy, Itch, Morphew, Hypocondriack Melancholy, and other like inveterate and Malign Diſeaſes. Doſe ab ℥j. ad ℥ij. in a morning Faſting.

13. *Tinctura Cathartica Magiſtralis*, A magiſtral Purging Tincture.

℞ *the Alchool of Spirit of Aniſeeds and Carraways*

℔

℔xvj. *Sena elect* ℥xxiiij. *Jallap, Agarick, A.* ℥vj. *Scamony, Turbith, A.* ℥iij. *the Ingredients being in pouder, (the Sena excepted) digeſt them* 40 *days in the Spirit, ſhaking the glaſs every day; then being ſetled, keep it for uſe upon the Magma or Faces.*

It is an exceeding good thing againſt all Chronick and Hypondriack Diſeaſes; as Dropſies, Jaundice, old-Headachs, Megrims, Vertigoes, Lethargies, dulneſs and drouſineſs; Obſtructions and pain of the Stomach, Liver, Spleen, Meſentery, Reins and Womb. It opens and cleanſes all thoſe parts, cures Gouts, Rheumatiſms, Conſumtions, Kings-evil, Pox, and other ſtubborn and rebellious Diſeaſes: it prevails powerfully againſt the Greenſickneſs and Rickets: and removes the Cauſe in Fits of Mother, Hypochondriack Melancholy, and the Scurvy: Doſe ab ℥ſs ad ℥iſs, in a morning faſting, in a fit Vehicle.

14. *Tinctura Piperis*; Tincture of Pepper.

℞ *Tartarized* S. V. ℔ij: *black Pepper* ℥vj: *Cardamoms*: ℥j: *being in Pouder, digeſt them in the ſpirit, till it is red like blood: then keep it upon the faces for uſe.*

It is a moſt admirable Cure for a Conſumption; I cur'd herewith a certain woman of an inveterate Pining and Waſting, a ſuppoſed incurable Conſumption, accompanied with vehement Dolors of the Bowels, after a two years diſpair, when ſhe was ſo weak ſhe could not ſtand alone without two to hold her, looking like (as it were) the picture of Death, and giv'n over as paſt hopes by ſeveral very able and learned men. The alone taking of this Medicine in Sack or Milk, and ſometimes in Ale ſweetned, but moſt commonly in Milk, morning, noon and night, and ſometimes 5 or 6 times a day, for about a month or 5 weeks time, reſtored her (through the bleſſing of God) to the Wonder of all that knew her. It is alſo a preſent Remedy againſt the Cholick, and all gripings and pains of the Bowels: and po-

cently provokes the Terms, if given for ſome daies according to Art. Doſe ſo much as will make the Vehicle, ſo hot as the ſick can well endure it.

15. *Tinctura Alhandal*, Tincture of Colocynthis.

℞ *Spirit of Wine* ℔viij: *pulp of Colocinthis* ʒxij: *digeſt a month, in a gentle heat; then preſs out; let it ſettle, and put it into a clean glaſs for uſe.*

It is an excellent Purge for ſuch as can take bitter things; it purges all humors even to a Miracle, and is of exceeding uſe to ſuch as are itchy or mangy, leprous, or have old filthy running Sores about them, eſpecially in the Legs, and parts depending, it removes Scabs, and venereal Botches, and mightily facilitates the cure of the French Pox. Doſe *ad* one Spoonful or a ſpoonful and half, in the morning faſting: It may be taken twice or thrice a week; or, after the Uſe of Mercuriates; with which it may be alternately exhibited; twice the Mercuriate, & once this, again, twice the Mercuriate and once this; and ſo on.

16. *Tinctura ex tribus*, Tincture of Three things.

℞ *ſpirit of Wine* ℔viij, *ſenna* ʒviij, *ʒallap* ʒjv: *Cortex Eſulæ* ʒij: *the ʒallap and Cortex beat into groſs pouder, digeſt altogether* 40 *days; ſhaking them once a day; then decant the clear, filterate, and keep it for uſe.* Or thus, ℞ *ſpirit of Aniſeeds or Carraways* ℔viij: *ſenna* ʒviij: *ʒallap* ʒiiii. *Elaterium* ʒj. *mix, digeſt, filterate, and keep the clear:* Or thus, ℞ *Aqua Vitæ* ℔viij. *Sena* ʒviij. *ʒallap, Gambogia, A.* ʒiiij. *mix, digeſt, decant, filterate and keep it for uſe.* Or thus; ℞ *Aquæ Vitæ* ℔viij. *Sena* ʒxij. *ʒallap* ʒiiij *Cambogiæ* ʒij. *Elaterium* ʒj. *mix, digeſt, decant, filterate,* &c.

This Tincture purges admirably, *viz.* that made by the firſt præſcript, nor are the other much inferior; but the laſt purges the moſt excellently: they evacuate all watery humors, cure the Dropſy, Jaundice, Scurvy, Gout, Cachexia, Green-ſickneſs, and other evil diſpoſi-

tions

tions of the body: Dose à ʒj. or more.

17. *Tinctura Caryophylarum*, Tincture of Cloves.

℞ *Cloves slit in two, or bruised* ʒ ii, *Tartarised* S.V. *so much as to over-top them about* 4 *Inches: put them into a Matraß, make a double Vessel, with another small Matraß fitted to the former, lute them well together, and digest in a sand heat, till the* S.V. *becomes of a red blackish Color, which separate by Inclination, and keep it in a glaß well stopt for use.*

§ 1. Of this Tincture may be made a Syrup, by putting to it Sugar, q. s. and so dissolving according to Art. § 2. You may also make of it an Extract, by Evaporating the Tincture to the thickness of Honey. § 3. The Vertues. These are all good to strengthen and comfort a cold stomach, by drying up cold superfluous humors, it prevails against swoonings & faintings of the Heart, and gives ease in all Gripings and pains of the Cholick: It expels wind, and kills worms in the Body. Dose *ab* ʒ ss *ad* ʒj in Sack: outwardly bath the parts afflicted with it.

18. *Tinctura Argentea*, Tincture of Luna.

℞ *Silver filings* ʒij: *best spirit of Niter* ʒ vj: *dissolve in a Cucurbit: then precipitate with salt-water* ℔ij; *so will the Calx fall down in a white pouder: let it stand a while, that all the Calx may fall, then decant the water by inclination: wash the Calx after with fair water to free it from all its Acrimony, dry it upon paper, and put it into a Matraß, to it put Volatile Salt of Urine* ʒ j. S.V. *rectified* ʒ xxjv (*let it be rectified with salt of Tartar: stop the mouth of the Matraß with another so as the mouth of the one may enter into the neck of the other*; (*which thing is also called a double Vessel:*) *lute well the joints with a wet bladder, digest in horse-dung, or the like gentle heat for* 16 *dayes*; *so will the* S.V. *be of a bright sky color, which take, filtrate, and keep close stopt.*

§ 1. This Tincture is of admirable use in many Diseases of

of the head, as Cephalea, Megrim, Epilepſie, Palſy, Apoplexy, *&c.* It may be given alſo againſt all malignant and peſtilential Feavers, and the Plague it ſelf; as alſo in the ſmall Pox and Meaſles: Doſe *à* gut. vj *ad* xvj. in choiſe Canary or ſome cordial-water, as the *Aqua vitæ Matthioli.* § 2. Here is alſo to be noted, That at the bottom of the Matraſs will remain a Calx of Silver, out of which you may extract a Salt; or you may reduce it into ſilver again by the following Method. § 3. Take Niter ℥viij, Cryſtal in pouder, ℥ij. Tartar ℥ij. Charcole ℥ſs. pouder all, and put it by little and little into a Crucible heated red-hot, after the Detonation is over, the matter will be melted, which pour into a warm Morter to cool: then pouder it, and mix with it as much of the former Calx at ſect. 2. above: melt them in a Crucible with a ſtrong fire, ſo will the Calx be reduced into Silver again, which when cold, you may ſeparate from the Salts. § 4. This Tincture is not a ſeparation of one of the Principles; or of the ſulphur of *Luna* from the other Principles; but only a diſſolution of a part of the body of the Metal, being Volatiliz'd by the Salt of Urine, and united to the Spirit of Wine. § 5. You may prove it thus: Put the Tincture into a Glaſs-body, with a Receiver well luted; diſtill in B. V. till one half is drawn off: the remainder in the Cucurbit ſet to Cryſtallize, for two days; and continue the Cryſtallization, till no more will ſhoot: put all the Cryſtals together, dry, and weigh them, then pouder them, putting to every ℥ij thereof ℥iij, of the mixture, at § 3. above, for reviving the Calx of Silver: this mixture melt in a crucible, covered with a Tile, by help of a ſtrong fire, then taking the crucible out, letting of it cool, and breaking it, you will find the ſilver (before diſſolved into Tincture) at bottom. § 6. The Salt water uſed in this work muſt be made of Water ℔ij: in which ſalt ℥ſs is to be diſſolved; for Salt engages the points of the diſſolvant,

ſolvant, and makes it let go its hold of the Silver. You may alſo make the Precipitation by putting into it little bits of Copper-plates. It is no mater which way you uſe, for it is done to no other purpoſe, but to bring the Silver into a very fine pouder, that it may the more eaſily be diſſolved afterwards. § 7. The Silver Calx remaining (after the Tincture is extracted) is impregnated with Volatile parts, and would (if it ſhould be melted alone) fly into the Air: but being mixed with the afore-mentioned matter, it is kept down, and hindred from flying away in its reduction.

19. *Tinctura Martis cum Tartaro*, Tincture of Mars with Tartar.

℞ *Ruſt of Iron made by Dew* ℥xij. *white Tartar* ℔ij: *pouder and mix them together, boil them in a great Iron kettle with rain-Water* ℔xv. *for* 12 *hours: ſtir with an Iron Spatula from time to time, and put in more water* (*but boyling hot*) *as the former conſumes; at laſt, let it ſettle a while, ſo have you a black Liquor, which is the Tincture: filtrate it, and evaporate it in an earthen Pan over a ſand heat, to the thickneſs of a Syrup, or till a Pellicule ſhall ariſe.*

§ 1. Here is to be noted, That water alone is not able to penetrate and diſſolve the Iron, ſhould it boil never ſo long; but the water being impregnated with Tartar cauſes it to diſſolve with much eaſe. § 2. The Tincture being drawn, there will a white Matter remain (a mixture of the Earthy parts of Tartar and Mars) which may be caſt away, as good for nothing. § 3. This Tincture ſome call Syrrup of Mars becauſe of a noble ſweetneſs in its Taſte; and it is reduced to the thickneſs of a Syrrup, that it might keep the better. § 4. As to its Virtues, It is a very great Aperitive, opens the moſt inveterate Obſtructions of the Liver, Spleen, Pancreas, Meſentery, Reins and Womb: is excellent and Cachexies, Dropſies, Obſtruction of the Terms, &c. Its opening Virtues are much ſtrengthned by

by the Power of the Tartar: It ſweetens the acid Humor, which is the cauſe of all Obſtructions, for Mars is a certain Alcalie: doſe à ℥ſs *ad* ℥j, in broth, or ſome other fit Vehicle.

20. *Tinctura Succini*, Tincture of Amber.

℞ *white Amber levigated on a Porphery* ℥jv, *put upon it* S. V. *rectified, ſo much as may cover it about* 4 *inches above the Powder; theſe being in a glaſs-Matraſs cover it with a ſmall blind Head, well luting the Juncture, digeſt in a very gentle heat in Sand, ſhaking the Glaſs often, till the* S.V. *has diſſolved the greateſt part of the Amber, and the Tincture becoms of a tranſparent yellow. Unlute the Veſſels: decant this Tincture into a Glaſs bottle, and upon the Magma put freſh* S. V. *alcoolized, cover it as before, and digeſt again, till the* S.V. *has almoſt diſſolv'd the reſt of the Amber, and it becomes Tinctured, as before. This Tincture decant, and put to the former, filter them through brown Paper (but ſome Authors like it not, becauſe a certain Volatility is loſt through the attraction of the Air) put the whole into a ſmall Glaſs Cucurbite, place it in a ſand Heat, cover it with its head, fitting to it a ſmall Receiver: Lute well the Junctures, and with a gentle heat draw off the one half of the* S.V. *The Veſſels being cold, put what remains in the Bottom of the Cucurbit into a Glaſs, which ſtop cloſe and keep for uſe. Being the true Tincture of Amber, impregnated with the Taſte and Smell of its own natural ſubſtance, & full of volatil parts.*

§ 1. This Tincture has all the Virtues of Amber mentioned in our *Pharmacopœa Londinenſis*, lib. 3. cap. 12. Sect. 49. where they are deſcribed at large, and performs all thoſe things with ten times more power and efficacy, than the crude prepared Amber can do, and therefore it's here commended as a moſt excellent thing. § 2. Some precipitate the Amber by putting fair Water into the Tincture, but this precipitate of Amber has no more

more Virtues than Levigated Amber, although indeed it may be ſomewhat more pure: for having loſt the Volatile Sulphur which ſubtilized and actuated it, it becoms groſs and terrene again: ſo that indeed, you do but undoe what you have been doing with great Labour. §3. But as all its Virtues are chiefly deſigned againſt Diſeaſes of the Head, Brain, Nerves, and Womb, ſo ought it to be given in ſome proper Syrrups, as of Cinnamon, Peony-flowers, &c. or in ſome Æthereal Spirit of Roſemary, Juniper-berries, Black Cherries or Spirit of flowers of Lilly Convally; for that if it ſhould be given in any aqueous Liquor, the Amber would return to a body, whereby its effects would not be ſo good nor quick: doſe *a* ℈j *ad* ℈j.

21. *Tinctura Pilularum noſtrarum*, Tincture of our Family Pills.

℞ *of our Family Pills in fine Pouder* ℥jv, *Quinteſſence of Aniſeed or of ſome other Spice, enough to over-top it 6 or 8 Inches: digeſt in a very gentle heat for* 10 *or* 12 *days, ſhaking it* 2 *or* 3 *times a day, till the Tincture is perfect; which decant, and keep in a Veſſel cloſe ſtopt for uſe: if you think the Tincture is not wholy extracted, you may put upon the Magma, a ſmall proportion of new Menſtrum; which you may after ten days decant, and with other freſh Menſtruum put it upon new pouder.*

It has all the Virtues which are aſcrib'd to the Pills, works excellently and eaſily upon all humours, purges water and flegm powerfully, and prevails againſt the Scurvy, Dropſy, Jaundice, Gout, Greenſickneſs, Cachexia, and all Obſtructions of the Stomach Liver, Spleen, Meſentery and Bowels: Doſe two or three Spoonfulls according to Strength.

22. *Tinctura Diaphoretica communis*, A common Diaphoretick Tincture.

℞ *Ginger, Grains of Paradiſe* A. ℥j. *long and black Pepper*, A. ℥ſs. *Cardamoms* ℥iij. *beat them to fine Pouder, which put into a glaſs with the beſt Camphir bruiſed into bits*

bits ℥jſs: *put here upon rectified* S.V. *ſo much as may cover them four or five inches over: ſeal up the Glaſs, and let it remain in Sand for a month (ſhaking the Veſſel every day) or for ſo long time as you ſhall think fit: then ſeparate the clear Tincture, and keep it for uſe.*

It is a ſtrong and potent Diaphoretick, and cauſes ſweat beyond moſt other things: you may give it in Carduus or Cinnamon water or in Treacle water, or other fit Vehicle, *à* gut. xx *ad* lx. or ad ℥j.

23. *Tinctura* ſeu *Laudanum Liquidum Helmontij*, The liquid Laudanum of Helmont.

℞ *Juyce of Quinces, put into a fermentation with Ale-yeſt, with this extract a deep yellow Tincture of Opium: this ſtrain and aromatize; then draw off the one half of the Liquor in* B. M. *keep the remaining part for uſe.*

It has the Virtues of all other Laudanums, and is given with a happy ſucceſs in dyſentyriek affections, and indeed by many Phyſicians it is eſteemed (but how truly, I know not) the moſt ſafe of any Laudanum. Doſe *à* gut. xv. *ad* xx or xxv. in Canary or other proper Vehicle.

24. *Tinctura Corallorum Digbeij, Sir* Kenelm Digby's Tincture of Coral.

℞ *the moſt ſharp ſpirit of Oyl of Honey (made by diſtillation of Honey,* p. j. *with ſand,* p. ij. *in a ſand-Furnace:) put it upon pouder of red Coral, and, in* 24 *hours the ſpirit of Honey will be tinged of a deep yellow color: decant and put on more ſpirit of Honey, and digeſt as before: reiterate this till it will tinge no more: then filter the Tinctures, and diſtill the Liquor off, that the Tincture may remain dry: upon which put good* S. V. *which digeſt till it is tinged red: decant it, and put on freſh* S.V. *and digeſt to redneſs, as before; this reiterate, till all the Tincture is extracted: Filterate theſe Tinctures, and draw off the* S.V. *by Diſtillation: Upon the Magma remaining put new* S. V. *and repeat this work*

work, till you have the pure Tincture and Solution without Faces, which will be as deep as the reddeſt wine, and throughly tranſparent.

It has all the Virtures of other Tinctures of Coral, to which I refer you: and is a Specifick in Diſeaſes of the Head, Womb and Nerves: Doſe *à gut.* xx *ad* xxx. in a fit Vehicle.

CHAP. VIII.

Of EXTRACTS.

1. *Panchymagogon Vegetabile noſtrum*, Our univerſal Vegetable Purge.

℞ *Cambogiæ, Aloes, A.* ℥iv, *diſſolve in Borrage-Water and make an Extract.* ℞ *Turbith, Agarick, Hermodacts, Rhubarb, Sena, Troches alhandal, powder of Cloves,* A. ℥iſs. *with* S.V. *make another Extract. Take of the firſt Extract* ℥iij: *of the ſecond Extract* ℥ii. *Reſins of Scammony and Jallap, Extract of black Hellebor,* A. ℥j: *Elaterium* ℥ſs: *Oyl of Nutmegs diſtill'd, and oyl of Wormwood* A. ʒii: *mix for a Maſs.*

There are many Panthymagogons extant, but I have found this by manifold Experience to exceed all others. It univerſally purges all humors, and that both ſafely and pleaſantly, and is truly a very noble Cathartick or purge. If it be given in obdurate Obſtructions, and ſuch as are inveterate, reſiſting the Powers of moſt Medicines in this Caſe, it will be well if you add to the Compoſition ℥iiſs of *Mercurius dulcis* in fine or impalpable pouder, for by this means it will have force & ſtrength to melt (as it were) any impacted humour, though never ſo tough and viſcous; and to diſſolve all manner of tartarous Matter, whereſoever

ever obſtructed in any part of the Body. Doſe a gr. vij, ad ℈j: or ℈ſs, if in ſtrong Bodyes, it works nimbly, and therefore may be given Early in the morning faſting, as other quick purges are commonly adminiſtred. It is an excellent Remedy in the Scurvy, Dropſy, Gout, Jaundice and Kings-Evil, powerfully cleanſing the Head, Stomach and Joynts.

2. *Extractum Viperarum*, Extract of Vipers, improperly called by ſome Quinteſſence.

℞ *fat Vipers in* June, *caſt away their Head, bowels and Gall, cut them into bits, and dry them in a warm Balneo; then put them into a Bolt head with Alcool of Wine; ſo much as may over-top them the breadth of 8 fingers: Seal the Glaſs hermetically, and digeſt for* 20 *days in* B.M. *then decant the Wine, and put on more alchoolized Spirit, till the Virtue is extracted: put theſe tinged ſpirits together, and draw off the ſpirit in a very gentle* B.M. *till it is thick at bottom. Upon this Extract put alcoliz'd tincture of Cloves; Circulate them ten dayes, and after abſtract the* S.V. *and the Extract will be at bottom.*

This Extract is of mighty power for purifying of the blood, fleſh and skin; and taking away of all cutaneous Diſeaſes. It cures the Scab and Leproſy, helps in the Epilepſy, ſtrengthens the Brain, Memory, Sight Smelling and Hearing; preſerves from gray hairs, and renovates the whole body, making it become youthful and pleaſant. It hinders Abortion, provokes Sweat powerfully, and is eminently good againſt the Meaſles, Small Pox, Plague, and all other malign Feavers. It cures the Gout, Conſumption and French-Pox; eſteem it as a Jewel. Doſe ℈j. in Sack, Morning and Night.

3. *Extractum Ecphracticum*, An Extract opening Obſtructions.

℞ *white Tartar, filings of Iron, A.* ℥iiij. *grind them together into pouder; after boyl in white Wine or fair water*

water, from ℔jv. *ad* ℔ ij. *ſtrain, and add tops of Centory of Roman Wormwood, of Carduus, A. M. j. Species Diacurcumæ* ℥iſs. *Gentian root* ℥j. *boyl all cloſe for three or four hours, ſtrain and evaporate by the heat of a Bath, to the conſiſtency of an Extract; to which add pouder of Rhubarb, or Species of Hiera Picra* ℥ij. *mix them well.*

It is a good thing for opening all Obſtructions of Liver, Spleen and Womb, and removing the morbifick matter. It alſo cures the Rickets in Children, and is by ſome of our Modern Phyſicians magnified for curing a Chloroſis and Cachexia. Doſe à ℈j. ad ℥ſs. every evening, made up into Pills, and given in a proper Vehicle.

4. *Extractum Gentianæ*; Extract of the Root Gentian.

It is made after the general way, taught in our Pharm. lib. 4. cap. 8. ſect. 1.

It Sweats, cures the Greenſickneſs, brings out the Small Pox, and powerfully reſiſts Plague, Poyſon, and all malign Feavers: helps alſo Diſeaſes of the Head and Brain. Doſe ad ℈ij.

5. *Extractum Hellebori Nigri*, Extract of Black Hellebor.

It is made as is that of Gentian, after the general way, in the place aforecited.

It Cures Melancholy, Frenzy and Madneſs: it opens Obſtructions of the Spleen, and eaſeth the pains thereof, wonderfully curing that way: it cures Cancers, Herpes, Elephantiaſis, Vertigo, Epilepſy, Apoplexy, Scabs, and Quartan Agues; it is a certain Remedy for Hypocondriack Melancholy. Doſe ad ℈j. or more.

6. *Laudanum Paracelſi*, The moſt excellent Laudanum of Paracelſus.

℞ *Thebian Opium* ℥ iij: *Juyce of Henbane inſpiſſate, Species diambræ & Diamoſchi*, A. ℥ijſs, *Mummy* ℥ ſs: *Salt of Pearl and Coral* A. ℥iij: *Liquor of white Amber extracted with Alcool of Wine, bone of a Stags heart,*

Bezoar ſtone, Unicorns horn, A. ℥j. *Muſk, Ambergriſe A.* ℈j. *Aurum potabile* ℥j: *Or for want thereof, of the Chymical Oyls of Annis, Carawayes, Oranges, Citrons, Nutmegs, Cloves, Cinnamon, Amber, A. gut.* xij. *of theſe make a Laudanum according to Art,* Thus, *With S. V. rectified, make an Extract or Tincture of the Opium, Henbane and Species, each ſeverally apart, by digeſtion in a warm place for* 40 *days, with which mix the Liquor of the Amber, and then inſpiſſate them to the thickneſs of Honey: then add Salts, with the other things in pouder, as alſo the Aurum potabile, or for want thereof the Oyls, which mix well together, and keep it in a cloſe glaz'd Veſſel for uſe.*

Here is to be noted, That becauſe Opium often cauſes Vomit, if you mix with it Oyl of Wormwood, gut. 40 or 50. it will be much more ſtomachical, and indeed if Oyl of Wormwood be uſed in ſtead of all the Oyls, it will not be amiſs. It eaſes all manner of Pains in a Moment, ſtops all ſorts of Fluxes, as Catarrhs, Flux of the Bowels, Terms, Whites, Bleeding, &c. It is a ſpecifick in Pleurifies, Fits of the Mother, the Cholick, griping of the Guts, reſtleſsneſs, &c. Doſe à gr. j. ad vj. either in a Pill, or diſſolved in *aqua Papaveris* or choice Canary.

7. *Laudanum noſtrum*, our great ſpecifick Anodyn.

℞ *Opium extracted* ℥viij: *Extracts of Cloves, radix ſerpentaria, Contrà yerva, Saffron, Viper pouder, and* ℥ſs: *Oriental Bezoar, Bezoar minerale, Salt of Pearl A.* ℥j. *Aurum potabile* ℥iij. *Or, inſtead thereof diſtilled Oyls of Cinnamon, Cloves and Wormwood, A.* ℥ij. *Ambergriſe, Muſk, A.* ℥j. *mix all well together, & make a maſs of a Conſiſtency for Pills.*

If the Opium and the other things be firſt extracted with tartarized *S. V.* and afterwards diſſolved in Spirit of Vinegar, or of Vitriol, Sulphur or Salt, or moſt ſharp juyce of Limons, and then inſpiſſated to the thickneſs of Honey, the Laudanum will be ſo much the better. In ſtop-

ſtopping all Catarrhs and Fluxes, as of Rheum, Blood, Terms, Whites, Gonorrhœa, in Watchings, Reſtleſsneſs, and in the end of all ſorts of Feavers; in Frenzy, madneſs Melancholy, Epilepſie, Vomiting, Pleuriſy, Cholick, Weakneſs of Bowels; in the Gout, in knees, feet or hips; and in the Stone both in the Reins and Bladder, it is truly the moſt ſpeedy and prævalent Remedy: and in eaſing the moſt Vehement and ſharp Pains in what part ſoever, it is even a divine Help, & *quaſi ultimum Aſylum*. Doſe à gr. ij *ad* jv. or vj: it has all the Virtues of that of *Paracelſus*, and is indeed much more powerful: where note, That if it be given to women ſubject to fits, it will be good to leave out the Moſch and Ambergriſe: or you may make the one half with the Moſch and Ambergriſe, and the other half without them.

8. *Laudanum ſolare Bayeri*, Solar Laudanum of Bayerus.

℞ *Gold calcined (with Sulphur and Mercury)* ℥ſs: *oyl of Mercury or of Saturn* ℥ v: *digeſt them in Aſhes in a luted Veſſel viij dayes; ſo ſhall you have a red Tincture of Gold, a white body being left in the Glaſs: digeſt and coagulate it into a red Stone; diſſolve it upon a Marble with ſome Liquor, caſt away the faces, coagulate, and repeat it three times.*

℞ It is an excellent Anodyn and ſudorifick, good againſt Surfeits, Scurvy, Droſie, Pox, and Gout, it is found alſo by Experience to be a ſpecifick againſt all Sorts of Feavers: Doſe à gr. ij. *ad* v.

9. *Laudanum Johannis Petri Fabri*, Fabers ſpecifick Anodyn.

℞ *Opium extracted in S.V. and made ſolid* ℥ ii. *diſſolve it in red Roſe-Vinegar: to it add Confectio Alkermes, Confect of Hyacinths, Venice-Treacle, Pulveris Electuarii Diarrhod. Abbatis, A.* ℥ j: *Musk, Ambergriſe, A. gr.* vj: *Salt of Pearl and Coral, ana,* ℥j: *mix them.*

It is to be given after due Purgation: it prevails againſt

Pains of the Teeth, Cholick, Gout, Sciatica, Stone, or any other excruciating Torment. If it be made up without the Perfumes, it is wonderful againſt all fits, chiefly thoſe of the Mother: Doſe *à* gr. iij. *ad* vij or viij.

10. *Laudanum cum Perlarum Preparatione*, Laudanum with Pearl.

℞ *Opium extracted with ſpirit of Vinegar* ʒſs: *Salts of Pearl and Coral A.* ʒj: *extract of Saffron* ℈ ij: *Tincture of Ambergriſe* ℈ j: *mix and keep them in a ſilver box for uſe.*

It is a Preſcript of Paracelſus, deſign'd for the Cure of Raging Madneſs; and he writes, That he cured a German Prince, who was frentick, with a Doſe of *gr.* v. hereof, by which alſo the Feaver was expelled. It eaſes all manner of pains, and has the Virtues of the former, or of any other Laudanum.

11. *Extractum Melligi-num Baccarum Juniperi*, Melligenous Extract of Juniper.

℞ *Juniper-Berries full ripe, q. v. beat them all in a mortar, till the ſeeds and all are extreamly well bruiſed: to this Maſs put water ſo much as to waſh the pulp from the husks and ſeeds: this water evaporate to almoſt dryneſs, keeping this Extract of the Pulp by it ſelf: Upon the husks and ſeeds (being firſt dryed) put rectified S. V. enough to cover it two Inches thick: digeſt* 10 *or* 12 *days, and then decant, and preſs forth the Tincture: in this Tincture diſſolve the former almoſt dryed Extract of the pulp: and a fourth part of the weight of the whole Tincture and Extract of pure Virgin honey: this done evaporate the S. V. till the Magma is of the thickneſs of new Honey, which keep for uſe.*

It has all the Virtues of Juniper-berries, and is a moſt admirable thing againſt the Stone and Gravel in both Reins and Bladder: it is prevalent againſt all Obſtructions of Urine, the Dropſie, Scurvy, Scirrhus of the Liver, Spleen and Meſentery, the Cholick and all Oppreſſions of Wind. Doſe *à* ʒj, *ad* ʒ iij. morning and night, drink-

drinking a Glaſs of Sack after: now here is to be noted, That if the Salt of the Fæces, be added to the Extract, it will be ſo much the better. This is That Extract ſo often mentioned in Cap. 22. Sect. 2, 3, 7. of this Book.

12. *Extractum Cochleariæ compoſitum*, Extract of Scurvy-Graſs Compound.

℞ *the Magma, or remaining matter after the ſpirit is diſtilled off (as is taught Cap. 2. ſect. 20. of this Book:) ſtrain it through a ſive, and expreſs the remainder in a preſs through a hair ſtrainer, as ſtrongly as you ſee convenient: theſe Fæces dry, calcine and extract a Salt according to Art, which reſerve. The ſtrained Liquor clarify with whites of eggs, and then evaporate in a ſand heat, very ſlowly, to the conſiſtency of a very thick Syrrup, or of new Honey, with which mix the afore-reſerv'd Salt: to every ounce hereof add choice Rhubarb, ſena elect, in fine pouder, A. ℥ j: mix them well, and keep it for uſe.*

It is an excellent thing to cleanſe the Bowels, chiefly the Spleen and Pancreas of thick earthy matter by ſtool: you may give it in a Wafer, in form of a Bolus, drinking after it a little white-wine or ſherry, and an hour or two after a little Broth or poſſet-drink: it purges gently, and expels Viſcous matter from the ſides of the Ventricle and the Guts: opens obſtructions of Spleen and Meſentery: you may take it once in 5 dayes, while you take the aforementioned ſpirit of Scurvy-graſs; for by this order it eradicates a cold Scorbute. Doſe à ℥ j ad ℥ ij or iij.

13. *Extractum Martis Aperitivum*, Opening Extract of Iron.

℞ *Ruſt of Iron made by dew* ℥ viij: *Aqua Mellis* ℔ iij: *Muſt or Wine unfermented* ℔ jv: *Juyce of Limons* ℥ jv: *put all into an iron Pot, cover it with an iron cover, ſet it in a Furnace over a little fire, digeſt for 3 dayes time, then boyl gently for 4 hours, ſtirring it now and then from the bottom with an Iron ſpatula, then*

covering it again, that it may not evaporate too fast: when you see the Liquor is black, take way the fire, let it settle, and strain it warm through a Cloth, then evaporate the humidity in sand heat. in an earthen Pan, to the Consistency of an Extract.

§ 1. The Virtues of this Extract are mightily augmented by the Addition of the Essential Salts, and the Spirit of Honey, which makes it as good a Remedy as can be of this Kind, no better yet known. § 2. It is a mighty Aperitive, opening all Obstructions, and restoring a good Complexion to such as want it by reason of Oppilations of the Liver, Spleen and Mesentery: But it ought not to be given only once or twice, but for 14, 20 or 30 dayes together, yet with some little Intervals, that Nature might not be nauseated. Dose à gr. x. ad ℈ ij, dissolv'd in some fit Vehicle. Its Virtues are the same with the Tincture in Cap. 7. sect. 19. of this Book. It takes away obstructions of the Lacteals and Lymphatick Vessels admirably, thereby being a means to restore such as are in Consumptions.

14. *Extractum Rhabarbari*, Extract of Rhubarb.

℞ *Rhubarb* ℔x: *let it be shaved, and digested* 12 *hours in warm Succory-water, so much as may over-top it* 4 *or* 5 *Inches, let it just boil, then strain it through a cloth: put the Rhubarb into as much more Succory-water, which Infuse, boil and strain, as before, expressing it strongly: mix the Liquors, let them settle, filterate them, and evaporate the humidity in a glass Vessel, over a soft fire, to the thickness of Honey; so have you the Extract of Rhubarb, which keep in a Pewter pot close covered.*

§ 1. This has all the virtues of Rhubarb, and may be given *à* gr. x. *ad* ℈ ij, being dissolv'd in Succory or Strawberry water, or made into Pills: it prevails in Diseases of the Liver and Spleen, purges and bindes. § 2. After this manner you may make the Extracts of all Vegetables, which are not Resinous or Aromatick;

romatick: The reſinous are made with S.V. The Aromatick or odoriferous ought not to be Extracted in this kind, for that their beſt and moſt Volatile parts would be carried away in Evaporation, but if any ſhall be ſo minded; they may Evaporate by Diſtillation, whereby you will ſave an odoriferous water. § 3. Many learned men have doubted in what principle the purgative Virtue of theſe things do conſiſt: ſome ſay, In the Salt: ſome, in the Sulphur or Oyl; ſome, in the Mercury or Spirit: but each Principle being ſeparated, we have found that none of them have been purging; whereby we know in ſeparating the Principles, That property or Faculty is totally deſtroyed, nor can it be repaired by any artificial mixing them again: So that We conclude, That the proper Purging Power is conſerv'd only in the natural mixion of the Principles, ſo as is neceſſary to produce ſuch ſtrugling and fermentations in our Bodyes: And, hence it appears, that Nature does ſomething ſo exquiſitely, that Art can never attain unto; nay, nor imitate the ſame, what God has joyn'd together ought not to be put aſunder, man ought not to be wiſer than his God.

19. *Extractum odoriferum Paracelſi*, The Specifick odoriferous Extract.

℞ *White Lillies, Roſemary-flowers, Baſil, Cardamoms, Roſes, A. M.* j. *ſpicknard M.* ii. *beat them groſly in a paſt: to which add juyce of Orange Apples* ℔iv: *put all theſe together into a Pelican, and let them be digeſted together for one Month, afterwards let them be ſeparated from their faces by ſtraining with preſſing: put this expreſſed Liquor again into a Pelican, and preſently let be added Mace, Cloves, Cinnamon, Civet, A.* ℥ j: *Ambergriſe,* ℥ ſs: *Muſk* ʒ ij: *grind them moſt exceeding ſmall, and put them into the ſaid Pellican with the other things, then digeſt in Dung, then add Gum Arabick diſſolved* ℥ſs: *Tragacanth diſſolved* ℥ j: *and let them harden with the clear*

of the whites of Egs in a ſtout Glaſs: then after a while as ſoon as you ſee it become of the likeneſs of glaſs, break your Glaſs, and you have a ſtone which is our Odoriferous ſpecifick.

The Intention of this odoriferous Extract is to be a perfume ready at all times and upon all occaſions to perfume other Medicaments with: for that it immediately expands it ſelf and dilates its ſpecifick Odour and Virtues. However it is a great Cordial, and may be given in any fainting fits *à* gr. iij *ad* viij in any proper Vehicle.

CHAP. IX.

Of MAGISTERYS.

Magiſterium ſeu *Reſina Jallapæ*, Magiſtery or Reſin of Jallap.

℞ *fine ponder of Jallap, put it into a Pellican, and put upon them rectifi'd* S.V. *ſo much as over-tops it a hands breadth; cloſe up the head, and ſet it to digeſt in Balneo, till the Tincture is as red as blood: pour off this Tincture and put in more* S.V. *which work repeat till the Tincture is wholy extracted: put all the Tinctures together, and in Balneo draw off above half of the ſpirit (which reſerve for the like occaſion again) then put into it fair water, and the Jallap will precipitate to the bottom: at laſt draw off in* B.M. *the remaing* S.V. *and take the reſin out of the water, which dry and keep for uſe.*

§ 1. Here is to be obſerved, firſt, That if you evaporate all the Spirit, the Magiſtery will be black, and may be more properly called an Extract, yet it will be of the ſame Virtue, as if precipitated, though not ſo beautiful. § 2. That if you precipitate according to the Preſcript, you

you will do well to let the white mixture to ſettle for a whole day. § 3. That the Reſin before it is dryed, ought to be well waſh'd in two or three waters, after which being dry, it will be hard, and not much unlike common Roſin. § 4. That before your Jallap is beaten into pouder, it be very well cleanſed and dryed, that the Reſin may be the purer. § 5. That the reaſon of the Præcipitation by cold water, is from weakning of the S.V. whereby it cannot hold up, what it has drawn, but lets it fall to the Bottom. § 6. That this Magiſtery is rather a Reſin than a Gum, becauſe that it diſſolves rather in Oyly liquors than in watery. § 7. That if you put cold water in before evaporation or drawing off the one half of the Spirit, the precipitation will be like Reſin; but after the drawing off of the ſaid half, it pretates like a Curd, which comes to a pouder. § 8. That this Magiſtery is nothing but the Reſin or pure Cathartick part of Jallap, ſeparated from the terreſtial part and Volatile Salt, which has been diſſolv'd in the S.V. § 9. That in drawing off the one half of the S.V. you muſt do it with a very gentle fire, for if it be too ſtrong, it will carry along with it a good part of the Reſin. § 10. That all the Cathartick Virtue of the Jallap conſiſts in the Reſin: from the Fæces you may draw an Alcalious Salt, but in a very ſmall quantity. However is it not yet apparently known wherein the Cathartick force of Purgatives does Conſiſt. § 11. That this Reſin is a great Hydragogue, or water-purger: now why Hydragogues do rather purge water than other humors, is becauſe they have more of the Acrimony, than other Purgers have, whereby they are the better able to open and penetrate the Lymphatick Veſſels. § 12. That this and other Hydragogues do ſo cut and attenuate Viſcoſities, as to render them like to water; and indeed all ſuch things as chiefly purge water are either Reſinous or Saline for:

for as Sulphurs or liquified Salts do diſſolve Sulphurs or ſulphurous bodies, ſo do Reſins (which are ſulphurs and Salts) diſſolve Viſcoſities. § 13. But whereas Salts paſſing quick, make but little impreſſion, do only diſſolve what is found in the Stomach and Bowels, they therefore only purge mildly; whereas Reſins by reaſon of their viſcous and tenacious particles do remain a longer time in the body, cauſing a fermentation, not only about the parts, where they are, but alſo draw from the Brain, joynts and other remote parts, by which means flegm and water is brought into the Bowels; ſo that theſe latter purge more ſtrongly. § 14. By reaſon of this viſcous and tenacious quality in Reſins, you muſt give this and other Reſins always mixt with ſome other Body (with the addition of a few drops of oyl of Anniſeeds) thereby to ſeparate the particles; for if it be taken alone, it is apt to adhere to the inward Membrane of the Inteſtines, whereby if it cauſe not ulcers by its acrimonious quality, yet it many times cauſe Convulſions, ſwoonings, and heart ſickneſs, and ſometimes works two or three days together, to the almoſt ruin of the Patient. § 15. It is beſt to be poudred and incorporated with ſome Electuary and a few drops of oyl of Anniſeeds, for ſo it works ſafely and without pain: but if it be given in a potion, you muſt firſt mix it with a little of the Yolk of an Egg, for it ſticks to the bottom of the Mortar like Turpentine, if it be moiſtned with any watery body. § 16. Given according to theſe Directions, it purges by ſtool, without procuring Vomit, and operates much more gently than the pouder of Jallap taken in ſubſtance, becauſe it is diveſted of its volatile Salt, which is its ſharpeſt part. It purges all cold, moiſt and flegmatick humors, and is a ſpecifick againſt the Gout, Scurvy Dropſy, Jaundice, Kings-Evil, Leproſy, Scab and other contumacious Diſeaſes, purging water from all parts. If it be mixt with Salt of Tar-

Tartar, and *Mercurius dulcis*, it will operate yet more tranſcendently. § 17. The Doſe is *à* gr. iiij. *ad* xij. in Bolus, Conſerve, or ſome ſuch like: and gr. xij. is ſaid to work full as much as a whole dram of the Jallop given in pouder.

2. *Magiſterium*, ſeu *Reſina Scammonij*; Magiſtery or Reſin of Scammony.

It is made as the former, from Jallap: Or as we have taught in our Pharmacop. Lib. 1. Cap. 8. Sect. 68. *where you have alſo a way of doing it with Vinegar.*

It purges more gently than Scammony in ſubſtance, becauſe it is diveſted of much of its ſharp volatile Salt, by Diſſolution in the *Menſtruum*, as alſo is freed from the greateſt part of its terrenity and fæces. This either alone or mixt with *Mercurius dulcis*, is a truly noble Purge and gentle. It carries off all Humors, and extirpateth the Kings-Evil, Scurvy, Dropſy, Jaundice, Gout, Sciatica, Leproſy, Scabs, Itch, *&c.* It opens all Obſtructions of the Liver, Spleen, Gall and Womb, and mightily facilitates the cure of the *French* Pox: Doſe à gr. x. *ad* xv. in Bolus, Electuary, Conſerve, *&c.*

3. *Magiſterium Magnum*, The Great Magiſtery.

It is made of Oyſter-ſhells levigated, as we have taught in our Pharmacop. Lib. 3. Cap. 13. Sect. 94. *in the preparation of Pearl and Coral. But whereas we there precipitate with Liquor of Tartar; in this, you may, if you ſo pleaſe, precipitate with a great quantity of clear cold water, when ſtirring with a woodden Spatula, the water will become at firſt white as Milk, and then the Magiſtery will precipitate to the bottom, leaving the water clear and a little acid. Put this water off, and affuſe freſh, ſo doing till the Magiſtery is perfectly ſweetned, and water comes away inſipid: put the pouder upon white paper (through which the remaining humidity will go) and ſet it to dry in the ſhade, upon the bottom of a hair Sieve.*

It

It has all the Virtues of that of Pearl, beſides which, this is known to be more powerful, as large experience has demonſtrated. It is an admirable Cordial, and ſtrengthens the Balſam of Life: it helps Heart-burnings, reſiſts poyſon, peſtilence and putrefaction; it eaſes pains, chears the Spirits, cools inflamations, and is a general help in all Feavers. It is ſo famous, that the ſtrongeſt Agonies and greateſt extremities, are ſuddenly, and as it were miraculouſly remedied thereby. It preſerves Health, and prolongs Life. Doſe à gr. x. ad ℈j. or ℥ſs. And thus are prepared the Magiſteries of Bones, Horns, and other Shells.

4. *Magiſterium Putaminum Ovorum*; Magiſtery of Egg-ſhells.

This is made as are the Magiſteries of Pearl, Coral and Oyſter-ſhells, without any difference. But here you are to obſerve, 1. *That your Egg-ſhells be new, clean and free from dirt, that the ſpirit of the Vinegar may the eaſilier if aſten upon them: for any kind of filth does diſſolve the action of the diſſolvant.* 2. *That you ought to have the ſhells of Eens Eggs, not of Ducks, Geeſe, Turkeys, or other water Fowl; becauſe as theſe Birds are hotter, ſo their ſhells are (by reaſon of their heat) harder, and ſo more difficult to be diſſolved, thereby requiring a greater quantity of the diſſolvant.* 3. *That ſpirit of Vinegar is here uſed, for ſimple Vinegar would not be ſtrong enough to cauſe a diſſolution. Spirits of Sulphur or Niter, will admirably do the ſame thing (but they are much dearer,) for that they produce a very white Calx: but Spirit of Vitriol or* Aquæ Fortis *are naugh for this work, ſpoiling the Operation by communicating a blackneſs to the Magiſtery.* 4. *That this Magiſtery is only Egg-ſhells philoſophically Calcin'd by Spirit of Vinegar, then precipitated by cold water into a white Calx, after ſweetned by many Lotions, and laſtly dryed, to be kept for uſe.*

Given inwardly it prevails againſt

againſt the Stone and Gravel in both Reins and Bladder, is ſaid to take away Heart-burnings. Outwardly, it is a good deſicative, and drys up Ulcers without corroſion: therefore it is of ſingular uſe for ſuch Ulcers as happen to the *Cornea* Tunicle of the Eye. It is alſo a good *Fucus*, for if you rub your Hands and Face with it, without mixing it with any Pomatum, it ſo inſinuates it ſelf into the Pores, as to produce an admirable whiteneſs.

5. *Magiſterium Corallorum Verum*, The true Magiſtery of Coral.

℞ *Lævigated powder of the beſt red Coral* ℥iiij. *put it into a large capacious Matraſs, put upon it ſoftly, and by degrees, well rectified Spirit of Venus* ℥xx. (*whoſe preparation we have taught* Cap. 2. Sect. 19. *of this Book*) *the ebulition and offerveſcency being over, put the Matraſs to digeſt in a vaporous Bath, the ſpace of* 24 *hours, which paſt, filterate all the Liquor* (*in which all the Coral will be diſſolved, nothing of the Coral remaining but a terrene impurity,*) *this filterated Liquor put into a Cucurbit in B. M. cover it with its Head, and draw off the Spirit with ſuch a heat, as that the drops may leiſurely follow one another; thus continue till the matter remains in the botiom of the Veſſel half dry; then put out the Fire, and keep the Spirit for the like uſe again, it being ſtill as good as at firſt, what remains waſh with Spaniſh Scorzonera water, and the ſecond Cinnamon Water,* A. ℥viij. *mixt together; if this quantity of Water is not enough to perfect the Solution, take ſo much as will do: put this mixture into a Cucurbit, then cover it, and place it in B. M. drawing off the Waters to dryneſs: ſo have you a Cephalick Water, and in the bottom of the Veſſel a true Magiſtery, melting immediately in the mouth, or in any Liquor it is put into.*

§ 1. Now here is to be noted, that in this preparation, no Spirit of Vinegar, or the Body of any Salt is uſed to penetrate and open the Co-

Coral (for that they do much diminish its power and virtues) but only the true Spirit of Venus, which on the contrary does preserve and rather increase them. § 2. That this Spirit is volatile, active and penetrating, not operating as a corrosive (which indeed will dissolve by gnawing, but thereby alter and destroy the virtues of the matter.) It will reduce Coral and other Stones, as also Bones, Horns, Shells, *&c.* to their first being or spermatick juyce, without altring the goodness or virtues of the things it operates upon; and this is apparent, for that this admirable menstruum is drawn off again with the same tast, color, vertue and dissolutive faculty which it had before, leaving nothing of it self behind. § 3. That the former Magisteries of Oyster-shells and Egg-shells being prepared with this Spirit of Venus, would be of ten, yea an hundred times greater Vertues, than when prepared with Spirit of Vinegar, by which they are a fixed and astringent Earth. § 4. That according to *Paracelsus*, in the sixth of his *Archidoxes*, a true Magistery ought almost in a moment to penetrate our whole Body, by the quickness of its motion, and subtilty of its parts; by which it is manifest, that it is some thing else than a fixed Earth, uncapable of any action, much less of penetration, being destitute of all manner of salt and spirit, whereby all actions and operations are performed. § 5. The Cephalick water aforesaid is an excellent Cordial, good against Epilepsies or Convulsions, either in young or old. § 6. The Magistery is repleniſhed with manifold and great virtues, being a most soveraign Cordial, and a specifick against Melancholy and madness. It is a great Remedy against the Scurvy, and cleanses the whole mass of Blood from all impurities. It is a true preservative against Malignant Diseases, because it strengthens so wonderfully the Ventricle; it is prevalent against the French-Pox, Small-Pox Mea-

Meaſles, Plague, and other contagions, which this Magiſtery either ſtops or hinders, or corrects, or otherwiſe evacuates, either ſenſibly or inſenſibly, to the health and happineſs of Mankind. § 7. Its Doſe is à gr. v. *ad* ℈j. in Broth or Wine, or rather in the aforeſaid Cephalick and Cordial Water.

6. *Magiſterium de Gutta Gamba*, Magiſtery of Cambogia.

℞ *Ponder of Cambogia* ℈ij. *S.V.* ℥viij. *digeſt in* B.M. *two or three hours, decant and filterate it hot, and by adding Roſe-Water precipitate, abſtract the S.V. and coagulate gently. Or thus*; ℞ *Cambogia* ℈ij. *S.V* ℥vj. *Oyl of Tartar* ℥j. *digeſt and diſſolve in* B.M.

It is ſaid to have all the Vertues of the Crude Gums; but it works much more pleaſantly, ſafely, and gently. Doſe à ℈j. *ad* ℈ſs.

7. *Magiſterium*, ſeu *Sulphur Vitrioli abſterſivus*, Cleanſing Sulphur of Vitriol.

℞ *choice Vitriol* ℔ij. *diſſolve in Wine Vinegar, put it into an earthen Pot, dry it over a gentle fire, encreaſing the fire by degrees, till the Vitriol has been red hot an hour: put the Vitriol (being cold) into another Pot, put more Vinegar upon it, let it boyl a little, then put a quart of Water to it, which boyl half away: let it ſtand a little, and decant this red Water, which reſerve: on the Faces put another quart of Water, boyl it half away, till it is tinged red, let it ſtand a little, and decant off this red Water to the former reſerved Water: this Work repeat ſo often, till the Vitriol will tinge no more Water. Theſe reſerved waters put into a glaſs Veſica, and evaporate to dryneſs. The ſolid Tincture at bottom (in a new pot) make red hot, then caſt it into a quart of Rain Water to diſſolve; evaporate till the water grows red, which decant and reſerve: on the Faces put freſh water, boyl and decant, &c. repeating this Work, till the water will be no more tinged: then caſt away*

way the Fœces, and evaporate theſe reſerved waters to dryneſs; ſo have you a red abſterſive Sulphur of Vitriol, which will be ſweet on the Tongue.

It is exceeding abſterſive or cleanſing, ſtops bleeding, heals, and is of great uſe in all Wounds and Ulcers. It is chiefly intended for *Wurtz* his Compoſition of the *Unguentum Fuſcum*, or brown Oyntment.

8. *Magiſterium*, ſeu *Crocus Metallorum Abſinthiacus Mynſichti*; Crocus of Metals, with Salt of Wormwood.

℞ *Crude Antimony, Salt of Wormwood, A.* ℥iiij. *mix, fire and calcine dilligently, and with care, till the Antimony is ſomewhat red, and diveſted of its arſenical Sulphur, then dulcify it by waſhing in fair water, till no acrimony is perceived, dry it, and keep it for uſe.*

It has all the virtues of both the ordinary *Crocus* and *Vitrum*, and is given in infuſion in Canary or Cinnamon Water, *à* gr. iij. *ad* v. you may infuſe for one night in ℥ij. or iij. of the Vehicle you intend. This is that *Crocus* which is made uſe of in making the Emetick Salt of Tartar, in Cap. 10. Sect. 7. following.

9. *Magiſterium*, ſeu *Sulphur Antimonij per Calcinationem*, Magiſtery or Sulphur of Antimony by calcination.

℞ *Niter* ℥vj. *Antimony* ℥iiij. *Common Salt* ℥ij. *Charcole* ℥ſs. *being all in fine powder, mix, and fire in a ſtrong large Crucible: after the detonation is over, augment the fire, that the Antimony may be throughly melted, this done, with a pair of Tongs take the Crucible out, and gentle ſhake or knock it at bottom; ſo will the Regulus or Metal of the Antimony fall to the bottom, and the ſoft fine Sulphur remain at top; let it ſtand till it is cold, then ſeparate the Sulphur and Regulus, keeping each for their ſeveral uſes.*

This Sulphur is a good thing to remove any kind of Obſtruction in the Stomach,

Liver and Spleen; it prevents and takes away Cacheries, Green-Sickneſs, Gouts, running Gouts, Melancholy, Dropſies, Jaundice, Feavers, *&c.* Doſe à gr. iiij. *ad* viij. in any convenient mixture. The Preſcript is not much unlike to that which we have delivered in *Our Pharmacop. Lib.* 3. *Cap.* 8. *Sect.* 65. where you have alſo the Virtues of the *Regulus.*

10. *Magiſterium*, ſeu, *Antimonium Reſuſcitatum*, Antimony Revived.

℞ *of the beſt Hungarian Antimony, Sal Armoniack, A. grind them well together in a mortar, and ſublime them into yellow and red flowers. Take theſe flowers, put them into a Bolt-Head, and affuſe upon them Spirit of Vinegar ſo much as to over-top them, the breadth of four fingers: digeſt* 8 *or* 10 *days; and abſtract the Liquor by diſtillation or evaporation; grind the whitiſh calx, and edulcorate with warm water, by which it will be reduced to its priſtin color, having loſt its malignity, and poyſon.*

This Dr. *Gideon Harvey* commends as a gentle Vomitory, Dejectory, and Diaphoretick; accommodated to all Ages, Sexes and Climes; radically, curing all Oppilations, Feavers, Dropſies, the Jaundice, Aſthma, Phthiſis in beginning, Convulſions in Children; but more particularly Agues in them, obſtruction of the Courſes in Women. Doſe à gr. iiij. *ad* x. xij. or ℈j. if the ſick be ſtrong.

11. *Magiſterium Speciſicum Antimonij Helmontij*, Helmonts Specifick Purge.

℞ *crude Antimony, Sal Armoniack finely poudred; A.* ℥xij. *ſublime the combuſtible red flowers, according to Art. Of theſe flowers take* ℥viij. *fine Niter* ℥xvj. *let them fulminate in ſubliming pots, and gather the flowers without any waſt; dulcify them with hot water, till there is no more ſaltneſs remaining. Upon this pouder (dryed over a ſoft fire) put rectified S. V. four fingers breadth above it; then put all into an Alembick, with its Receiver luted to it, diſtilling at firſt with a gentle*

fire, after increasing it, distil to dryness, being perfectly dry, expose it to the fire for an hour, and keep it for use.

This preparation of Antimony provokes Sweat strongly, and being taken fasting in a morning; or 2 or 3 hours after Supper, at night going to bed in some Bolus, Conserve, or Cordial Water, à gr. xx. *ad* ʒfs. it gently loosens the Belly, being a specifick Purge. If taken in a less quantity, it sweats only.

12. *Magisterium Antifebrile Antimonij*, An Antimonial Magistery against Feavers.

℞ *Cinnabar of Antimony* ʒijss. *Salt decripitated* ʒv. *pouder and mix them together, put them into a glass Cucurbit, upon which put Oyl of Sulphur* ʒ̈j. *digest two or three days in a gentle sand heat; then increase the heat to the evaporating away the superfluous humidity: wash what remains, dry it, pouder it, and mix it with* flos sulphuris ʒiiij. *which set over burning Coals, in an earthen dish, stir it continually with an Iron Spatula, till the flowers are consumed, then put upon it* S.V. *to over-top it two fingers bredth, which when consumed by burning, the remaining mass dry, pouder, and keep it for use.*

It cures all intermitting Feavers and Agues, taken (half an hour before the Fit) à gr. xij. *ad* ℈j. in some Cordial Syrup; drinking a little Broth two hours after: purge before you use it, and repeat it three or four times, it works chiefly by Sweat.

13. *Magisterium Sacchari Saturni*, Magistery of the Sugar of Saturn.

℞ *Saccharum Saturni* ʒij. *Spirit of Vinegar, fair Water, A.* ℔ij. *dissolve, and put upon it, drop by drop,* Oleum Tartari, per deliquium, *and the Magistery will precipitate white; boyl them a little, then filter ate through brown Paper, and the white pouder will remain in the Cane, which sweeten by many Lotions in fair water.*

It drys much, and heals running sores, in Pomatum it is good against Tettars, *&c.* but is most commonly used for a *Fucus* or Paint.

14. *Magisterium Jovis*, Ma-

Magiſtery of Jupiter.

℞ *Flowers of Tin, diſſolve them in a ſufficient quantity of water, which filter, and drop upon it* guttatim *Spirit of Sal Armoniack, Or Oyl of Tartar,* per deliquium, *and at bottom you will have a very white precipitate, ſweeten it by many ablutions in warm water, then dry it, keep it from the Air in a glaſs cloſe ſtopt.*

§ 1. But before you can perfectly make this Magiſtery, you ought to know how to make the *Sublimatum Jovis*, which is as follows: ℞ *Tin, Sal Armoniach, both in pouder, A. mix them well together, which put into a ſtrong earthen Cucurbit, able to endure the Fire: fit to it a blind head, luting well the juncture, place the Cucurbit on a grate, in a ſmall Furnace, with an open fire, but only ſo, as that the fire may paſs through the Regiſters, for which end ſtop up the top of the Furnace with Brick and Lute, but leaving Regiſters at pleaſure. Let the Veſſel be placed in the Furnace, about a third part of its height: give a ſmall fire at firſt, and increaſe it by degrees, till the bottom of the Cucurbit is red hot, continue ſuch a fire till nothing more will ſublime, which you may know by the growing cold of the blind Head: the Veſſels being cold, unlute them, ſo will the flowers ſtick to the Head and Top of the Cucurbit, which is ſome part of the Tin elevated with the Sal Armoniack: but at the bottom of the Cucurbit you will find ſome of the Tin revived.* § 2. The Tin is brought to a pouder, by putting it into a large earthen Pot or Pan unglaſed, putting it alſo over a Fire to melt, and then ſtirring it with a *Spatula*, till it comes into a brown or greyiſh pouder. § 3. This Magiſtery of Tin is an admirable *Fucus*, for being mixt with Pomatum, it makes a delicate white. § 4. It is alſo to be noted that the Tin in the ſublimation is diſſolved by the acid of the Sal Armoniack; but in its præcipitation by the Alcalie thereof; for the Spirit of Sal Armoniack is an Alcalie as well as the Oyl of Tartar; which is the reaſon that it

deſtroys the force of the acid, and making it let go its hold, cauſes the Precipitation.

15. *Magiſterium Marcaſitæ ex floribus*, Magiſtery of Biſmuth from its flowers.

℞ *Flowers of Biſmuth or Tinglaſs, diſſolve them in water, and precipitate with Spirit of ſal Armoniack, or Oyl of Tartar.* Or thus, *Diſſolve in a Matraſs Biſmuth* ℥j; *with ſpirit of Niter* ℥j; *put this Diſſolution into a clean white-ware Veſſel; put upon it* ℔ vj. *of water, in which ſea ſalt* ℥j. *was before-hand melted, ſo will a White precipitate fall to the Bottom: Decant the water, ſweeten the Magiſtery by many Lotions, then dry it.*

§ 1. Here is to be noted, That *Biſmuth* may be brought to a pouder by beating in a Mortar, or by calcining it as you did Tin, at ſect. 14. § 2. aforegoing. § 2. That the flowers are made of that calcined powder, by mixing it with equal parts of Sal Armoniack, and then ſubliming as you did Tin in the former Section. § 3. That the Præcipitate made with Niter is an excellent Coſmetick, called *Spaniſh-white*, and ſerves to whiten the Skin, being mixt with Pomatum or Roſe-water. § 4. That ℥j of this Magiſtery is mixed with ℥j of Pomatum, or ℥ jv of water, ſo uſed, it ſoftens and whitens the skin, and is good againſt the Itch, or any Itching humour, becauſe it deſtroys thoſe Acids or Salts which cauſe it.

16. *Magiſterium* ſeu *Arcanum Mercurii Vitæ Paracelſi*; The Mercury of Life of Paracelſus.

℞ *Mercury eſſentificated, the which ſeparate from all its ſuperfluities, as the pure from the impure: afterwards ſublime it with Antimony, ſo that they may both of them aſcend and be made one: then let them be reſolv'd upon a Marble and be coagulated; and do thus even four times; which being finiſh'd, thou ſhalt have the* Mercurius Vitæ *by us ſo oft mentioned.*

Paracelſus commends this *Arcanum* to the Skyes, and that it has the Power, not only of Tranſmuting of Perſons, but

but of other things, and the renewing of every growing thing out of the old Quality into a new. So it reduceth *Mars* into the first Matter; and does so again transmute it, that 'tis made Iron again. After the same manner it reneweth Gold likwise, the which it reduceth into its proper Mercury and Tincture; and again digesteth it into Gold, so as to become a Metal like the former. It operates in like manner with Growing things, if their roots be perfused or moistned therewith, they will bring forth flowers and fruits a second time: if when the first-seed shall fall off, they be at that time moistned with the same, as above: they will produce second flowers, and fruits without any respect of time. The same is to be understood of men and Beasts, to whom if this Mercury be given, it renovates all their old and consumed members, and restores their deficient and lost Virtues into the youthfull-like body or habitation; insomuch that the Menstrua and Blood do as naturally flow in old women as in the young, and reduces her old Age into the like perfection of Nature, as when she was young: insomuch that youth is increased thereby, and so the Age is renewed. But you are to understand me thus, Not that this *Arcanum* excites a new Essence (as some Maliciously interpret our Meaning:) but that the Essence and youthfull spirit, from whence the Juvenile virtues do proceed, do remain unconsumed, although by being oppressed, it might be accounted for dead: and therefore our *Mercurius Vitæ*, separates the Impurity, whereby it comes to pass, that the old life does most efficaciously recover its virtues: and it perfects its operations after a wonderful manner, *viz.* in casting off the Nails of hands or feet, and by rooting out gray hairs; it strengthens youth, in so much that Corruption cannot come to that height as to discover old age, by those signs attending it: for this cause we have discovered it to Chymists in a ve-

ry few words (for it is needleſs to write much) but as for fooliſh pretenders, they are hence excluded.

17. *Magiſterium Metallorum Paracelſi*, Paracelſus his Magiſtery of Metals.

Be Circulatum purged excellently well, yea to the higheſt eſſence; whereto put the thinneſt metalline leaves, or ſi'ings of any Metal you pleaſe, excellently and moſt ſubtilly wrought and mundified: theſe two being put together in a ſufficient weight, muſt be circulated for four weeks, and the leaves will be reduced by this temperate medium into an Oyl, and into a form of Fatneſs ſwimming at top, and colored according to the Condition of thee Mettal, the which you ſhall ſeparate by a ſilver drawer from the Circulatum. This therefore is potable Gold or Silver, &c. The like may alſo be extracted from other Metals, and may be taken in drink, or with your food without any detriment.

§ 1. What this *Circulatum* is, we ſhall in ſome other place declare, however this know, That the Proceſs muſt be done without any Corroſive; or any of thoſe complexionated things, which are contrary to the Metals. § 2. And, whereas great Regard is to be had to their agreement and affinity, therefore the temperate alone is ſutable thereunto. But you are to know what that temperate thing is: a temperate, a complexioned thing or body, this doth receive the other into it ſelf, and is incorporated into that whereto it ſhall be adjoyned; ſo that it doth no more diſcover the old, and its own Complexion, but the Virtues of that body only, which ſhall be added unto it. § 3. Thus indeed *Vinum ardens*, or inflamable S.V. hath in it a full and perfect Complexion, yet it doth not (as I may ſo ſpeak) complexionate that which is put into it; but does ſo perfect its operation, according to the Virtues of that Body which was put therein. And therefore ſeeing it doth thus attract the Virtues of another, and tame its own, it is for this

this Reaſon, ſaid to be temperate, and is deſervedly ſo called. § 4. Out of any thing that is like to this, may be made a Magiſtery; ſo that the Virtues of the Metals may paſs into that ſame temperate thing, and may be mundified and purified therewith, and be diſtilled even to their limit or end; ſuch-alike Magiſtery after it ſhall be perfected, ſhall be called *Potable*, becauſe it may be taken in drink, whence it comes to paſs, That the Magiſtery of Gold is called *Aurum Potabile*, and that of Silver *Argentum potabile*, and ſo of Iron, Lead, Quick-ſilver, *&c.* they may be made potable, and ſo called, and be deſcribed according to their own Complexions: and according to thoſe proceſſes, they have far greater Operations than is expedient for us to write of. § 5. After this manner, with one temperate Medium, and one proceſs, by way of Practiſe may all the Magiſteries of the ſeven Metals be made.

18. *Magiſterium de Gemmis Paracelſi*, Magiſtery of Precious ſtones.

Take Gems, grind or beat them, calcine them in a Reveratory with Sal Niter, *A. burn them excellently well into a Calx: after waſh them with burning wine, ſo long untill there be found no more ſuperfluous matter: After waſhing, calcine again and proceed in all reſpects as before; and ſo the whole eſſence will paſs into the burning wine; Evaporate this by Ebulition, ſo ſhalt thou have an Alcalie, the which being reſolved into a Water keep.*

§ 1. There is no reaſon that thou ſhouldſt abhor the Uſe hereof how acute or calcineous ſoever it be; for 'tis by that acuity alone, that it operates upon that which reſiſts it; and it is ſo ſubtill that one only drop, tingeth the whole body into a ſingular Virtue. § 2. This Magiſtery out of precious ſtones is to be underſtood after the ſame manner as that out of Metals; as to Virtues, which each ſtone hath according to its nature: but for ſtones there needs no temperate

Medium, or any kind of Addition; becauſe their Solution is not the ſame with that of Metals; but from this general proceſs of Gems are excepted thoſe of Pearl and Coral.

19. *Magiſterium ſuccini Paracelſi*, Paracelſus his Magiſtery of Amber.

℞ *Levigated Amber, as much as you pleaſe, and of the Circulatum ſo much as is ſufficient; digeſt them in a flat bottomed Veſſel in Aſhes for ſix dayes, then let the Circulatum be deſtilled thence, and be poured on again, the which let be done ſo often, until there be found an oyl in the bottom, the which Oyl is the Magiſtery of Amber.*

It has all the Virtues of Amber, its ſubtil Oyl and volatile Salt are much more pleaſant to be taken. This (ſaith *Paracelſus*) hath diſcloſed to us its wonderful virtues, may it ſo remain.

20. *Magiſterium herbarum Paracelſi*, Paracelſus his Magiſtery of Herbs.

℞ *of Herbs what quantity you pleaſe, permix them with burning wine, and putrefy them therewith for a month; then diſtill them by B. M. and cohobate the diſtilled Liquor upon the faces or Caput Mortuum; which often iterate till the whole quantity of the burning wine, be four times leſs than the juyces of the Herbs: Diſtil the ſame by a Pelican with new additaments for one Month, then ſeparate it, having ſo done, you have the Magiſtery of the matter or herb deſired.*

After the ſame manner are you to make the Magiſterys of Flowers.

21. *Magiſterium Vini Paracelſi*, Paracelſus his Magiſtery of Wine.

℞ *of the oldeſt Wine, q. v. the beſt that can be gotten both for Color and taſt, put it into a glaſs Veſſel, ſo that a third part thereof may be full, and ſhut it with Hermes ſeal; and keep it in horſe-dung in a continued heat for four Months; not letting the heat be defective. This done, in the Winter time, when the cold and froſt are extreamly*

treamly ſharp, ſet it abroad in the Cold for a Month, that it may be congealed, ſo will the Cold force the ſpirit of Wine, together with its ſubſtance, into the Center of the wine, and ſeparate it from the Flegm. That which is congeal'd or froz'n caſt away, but that which is not congealed is the ſpirit with its ſubſtance: this put into a Pelican in ſand, which digeſt with a gentle heat for ſome time; ſo ſhall you have the Magiſtery of Wine.

This differs much from the Spirit of Wine, for there the Eſſence is wanting; here you have the whole eſſence of Wine with the Spirit.

22. *Magiſterium Sanguinis Paracelſi*, Paracelſus his Magiſtery of Blood.

℞ Blood, let it be ſhut up in a Pelican, and ſo long tranſcend or riſe up, upon the horſe belly (or dung-hill) untill the third part of the Pelican be filled; for all blood in its rectification is dilated, according to the Quantity, and not according to the Weight: this time being finiſhed, rectifie it by a B.M. by this way the Phlem will ſeparate, and the Magiſtery remain in the bottom, the which being ſhut up in a retort with Hermes ſeal, diſtill it 9 times; ſo have you the Magiſtery of blood.

Here ſome may ſay, That the Blood when it is let out of the Veins, is depriv'd of thoſe Virtues neceſſarily, that renew and ſuſtain the Blood: but this is not ſo; for it may be conſerved in the Eſſence, as we have even now taught. But it ought to be the Blood of a ſound Animal; or, of one that is brought into a renewed Quality and Eſſence, by Arcana's and Quinteſſences, that the Blood may thereby flow from them ſound and uncorrupt. There is in like manner the blood of Bread, and of other Comeſtible things, which is in like manner to be taken for the ſame uſe; for there are therein ſuch Virtues as are ſcarce to be ſearched out by us, nor will we undertake the burthen of doing it to its higheſt worth.

CAP.

CHAP. X.

Of SALTS.

1. SAL seu *Saccarum Saturni ex Lithargyro*, Salt of Lead from Litharge.

℞ *Spirit of Vinegar, q. v. put it into a glaz'd Earthen pan, over a fire of Coals and dry wood, till it begins to simper: then put to it Litharge of Gold or Silver in fine pouder, q. s. stir it continually with a stick: when its boiled a little, take off the Pan, and let the Vinegar settle a while, and while warm decant it: after put more Vinegar upon the Litharge, boyl and decant, as before, so doing till all the Litharge is dissolved: these dissolutions filterate while warm over a glass Cucurbit in a sand heat (up to the neck in Sand) and evaporate the humidity, till the remainder becomes red as blood, and is covered with a Pellicule or little skin: then put it out into little white dishes, where let it cool: so will a great part of the Liquor shoot into Crystals, like needles, white and sweet as Sugar. Powr off from the Liquid part, viz. a red Oyl, and a Sugar of Saturn uncrystalli-zed: taking also out the Crystals, which keep in a glass Vial well stopt, lest other wise they should fall into a Calx.*

§ 1. Here is to be noted, that some make use of Ceruse instead of Litharge, but experience shews that Litharge is better, for that having passed the fire of the Copel, it is a more spongy open body, and therefore more penetrable by the Spirit of Vinegar, and so will yield a greater quantity of Salt: but next after Litharge you may use Ceruse, then Minium, which is Ceruse made red in a Reverberatory fire. § 2. If by chance in evaporating the Dissolutions you go beyond the *Pellicule*

Gule, ſo as the matter begins to look thick and glutinous, you will then have no Cryſtals; and therefore you may evaporate it, and make the Salt without Cryſtalization. § 3. Of the red glutinous Oyl of Saturn, you may make a Magiſtery of Saturn, by putting to it an equal quantity of the Spirit of Sulphur; ſo will the diſſolution of Saturn turn into white Curds, which by little and little, will precipitate to the bottom in white ponder, which ſweeten by but once waſhing in fair water, becauſe it is apt to diſſolve in the water. § 4. That you ought to take glaſed earthen pan, not a ſtone or glaſs one, becauſe theſe latter would break; and for the Lead of the other, there is no danger of its being coroded by the Vinegar, becauſe it is ſo hard burnt to the Earth; but ſhould it corode it, the matter is not great, for the glaſing of theſe earthen things is made of Lead. § 5. That the Vinegar ought to boyl before the Litharge goes in, that it might the more ſuddenly fill its body with the Saturn, letting it boyl after but a very little time, which will be enough to impregnate the Vinegar with the Salt of the Lead. §6. That if you would have your Salt extream white, you muſt diſſolve it in equal quantities of Spirit of Vinegar and common water; then filterate and Criſtalize as aforeſaid; which work you may repeat 3 or 4 times as aforeſaid. § 7. That the ebulition which is raiſed is cauſed from the forcible entrance of the Acids, whereby they violently ſeparate the parts of the matter: in this effervescency (as in others of like kind) there is not the leaſt degreee of heat to be perceived, but rather cold is encreaſed, and the Vinegar loſing its acidity, acquires a kind of ſweetneſs. § 8. We here uſe Spirit of Vinegar for a diſſolvant, a ſtronger is not neceſſary, becauſe Lead is a ſoft Metal: but ſimple Vinegar, by reaſon of its Flegm is both unfit and too weak. § 9. By reiterated additions of freſh Spirit, all the

the Litharge will be diſſolved, but you muſt repeat till the whole diſſolution is compleated. § 10. This Salt of Lead is not a true ſimple Salt, but a Diſſolution of the ſubſtance of Lead by Acids, which do very cloſely Unite with it, to make a kind of Salt: this is proved by diſtillation, for if you draw off the humidity, you will have only an inſipid water. § 11. You muſt ſtir it only with a wooden Inſtrument, for Iron (as well as its Vitriol) would blacken it, and ſo ſpoil the beauty of the Salt. § 12. In making the Magiſtery at § 3. above, the precipitation is with Spirit of Sulphur, becauſe it makes a whiter and ſweeter precipitate, than any other Acid, not only in this, but in all other Magiſteries. The Spirit of Vitriol is ſaid to blacken: Spirit of Salt would be apt to fix with the Magiſtery; Spirit of Niter is too ſharp: Oyl of Tartar has an unpleaſant taſt of Urine. § 13. This Saccharum may be revived again into Lead, by mixing it with an alcalious Salt, melted in a Crucible over a good fire; becauſe this Salt deſtroys the Acids that thus metamorphoſed the Lead: but it will be inflamed before it revives, by reaſon of the Spirit of Wine, which was lockt or ſhut up in the Vinegar. § 14. The Vertues. It is good againſt the Chollick, Plague, violent Feavers, heat and pain in the Reins, Bladder and Secrets, and all inward Inflamations, being given in Wine, Sherry Sack, Aqua Mirabilis, or Cinnamon-water. It quenches Luſt, abates Venereal deſires, cures old cancerous, corroſive and malign Ulcers, as Cancers, Woolf, *Noli me Tangere*, Ring-worms, Tettars, ſore Throats and Mouths, Burns, Scalds, red Pimples, *&c.* It is good againſt the Bloody-flux, ſtops the overflowing of the Terms, and Hæmorrhoids, which are uſually cauſed by a flux of ſharp Salts to thoſe Veſſels and Bowels. But it is ſaid particularly that it is a great ſpecifick in Quinſeys, being inwardly taken, forasmuch as that Diſeaſe is thought

thought by ſome to proceed from a Salt or acid ſeroſity, falling too abundantly on the Muſcles of the Larynx, thereby raiſing a fermentation, which dilates the Fibres, and cauſes an Inflamation, ſo that what is able to dull the edge of thoſe Acids, is thought good againſt that Diſeaſe. § 15. The Doſe is from gr. iiij. to viij. in any of the Vehicles aforeſaid.

2. *Sal ſeu Cryſtali Martis Sulphurati*, Salt of Iron with Oyl of Sulphur.

℞ *Filings of Steel or opening Crocus, drop on it Oyl of Sulphur, melt and add hot water, filter and abſtract a little, then ſet it to Cryſtallize, purify the Cryſtals by ſolution and coagulation.* Or thus, ℞ *opening Crocus* ℔ vj. *levigated: put it into boyling water* ℔xxiiij. *by ſpoonfuls, ſtirring it continually for two hours, with an Iron Spatula, till the water be half boyled away; then, while warm, filterate through brown Paper, after evaporate to the Pellicule, then ſet it in a cool place to Cryſtallize; in two days you will have many green tranſparent Cryſtalls ſticking to the ſides and bottom: then boyl again and Cryſtallize, doing ſo till all the Cryſtals are gathered, which keep in a glaſs cloſe ſtopt: the ponder of Mars remaining in the filter will ſerve to make the aſtringent Crocus.*

§ 1. Now here is to be noted, that the ſalt of Mars cannot be gotten, unleſs the body be firſt well opened, with Brimſtone and a Reverberatory fire, by which the opening Crocus is made, for the Salt and Spirit of Sulphur calcines and opens the Metal. § 2. That although the boyling water has force enough to extract the Salt out of the *Crocus Martis aperitivus*, yet it will be more eaſily done, to add to every pound of water ℥ſs, or ℥j. of the Oyl of Sulphur. § 3. That this Salt or Cryſtals will be of a tranſparent green color, becauſe Mars is generated in a Vitriolick Earth, or an Earth containing nothing but pure Vitriol. § 4. That theſe Cryſtals are no-

nothing but the Salt of Mars, extracted out of the opening Crocus and Cryſtallized. § 5. Some make theſe Cryſtalls thus. ℞ S.V. *rectified, Oyl of Vitriol, A.* ℥xxx. *put into it thin Iron Plates, or filings of Iron* ℥iiij. *or* ℥vj. *ſet it ſome time in the Sun, then in the ſhade without ſtirring it, ſo will the Liquor be incorporated with the Mars, and make a Salt that you muſt dry, and keep in a Vial cloſe ſtopt.* § 6. This Salt is a great opener and true reſtorer of the Liver and Spleen, being an admirable Remedy for all Diſeaſes proceeding from Obſtruction: It Cures the Cachexy, Dropſy, and green-ſickneſs. Its vertue is greater than that of the opening Crocus, becauſe that it is ſharpned by the acids of the Vitriol, and therefore is to be given in a leſs Doſe. It provokes the Terms, and is excellent againſt the yellow Jaundice, and all Leprous breakings out in the Skin. Doſe à gr. iiij. *ad* xij. But if you make it with water alone, without the Acid Oyls, you may give from ℈j. *ad* ℥j. in Broth or Syrup; and in caſe of the Stoppage of the Terms and Green-ſickneſs, it may be given with ℥j. of the Extract of Savin. After the ſame manner are made Cryſtals of the Calx of Jupiter.

3. *Sal*, ſeu *Cryſtalli Argentei*, Salt or Cryſtals of Silver.

℞ *Cupellated Silver*, viz. *without Alloy* ℥ij. *beſt Spirit of Niter* ℥vj. *diſſolve, and put the Diſſolution into a glaſs Cucurbit, over a gentle Sand heat: evaporate about a quarter of the humidity: and let the reſt cool without ſtirring of it; ſo will it ſhoot into Cryſtals, which ſeparate from the Liquor, dry them, and keep them in a glaſs cloſe ſtopt. The remaining liquor evaporate again, and ſet it to Cryſtallize as before: theſe evaporations and Cryſtallizations ſo often repeat, till all the Silver is turned into Cryſtalls.*

§ 1. Here you are to note, not only in this, but in all Cryſtallizations, that you leave not too much moiſture

ſture, for fear of too much weakning the Salts, thereby hindring the Cryſtallizing: Nor muſt you leave too little moiſture, for then the Cryſtalls (not finding room enough) cannot ſhoot or extend themſelves, but will fall confuſedly one upon another. § 2. You muſt be ſure to put your ſilver into a Matraſs large enough, then pour on your Spirit of Niter. *Aqua fortis*, it is true, will ſerve well enough, but Spirit of Niter acts with more celerity: the Matraſs you muſt place in Aſhes, or a Sand heat to haſten the Diſſolution. § 3. When the Spirits begin to gnaw the Silver, an ebulition preſently riſes, with an effervescency, and a conſiderable heat; which heat is cauſed by the violence of the motion, and impetuous ſegregation of the parts, being rarified: this effervescency or vapor, you muſt carefully avoid, as a thing very unwholſom and hurtful to the Breſt and Lungs, as alſo to the Brain; it will remain till the Silver is all diſſolved; after which the Liquor will become tranſparent and clean. § 4. What evaporates in order to Cryallization is little better than inſiped water, for the acid ſpirit or ſalt remains fixt with the Silver, whereby theſe Cryſtals weigh more than the Silver of which they are made. § 5. Theſe Cryſtalls will diſſolve in water like Salt, becauſe they are incorporated with the Salt or Spirit of the Niter, and by reaſon of theſe ſpirits it is, that the Cryſtalls gnaw and corrupt the fleſh (as a Cauſtick) to which they are applyed, thereby making an Eſcar: it is they likewiſe which make you purge, being given inwardly, becauſe by their pricking they ſtir up a fermentation of Humors. § 6. You may reduce them into Silver again, if you put them into warm water, and lay therein a plate of Copper, for thereby the Silver will precipitate to the bottom, in a white pouder, which being waſhed and dryed, and then melted in a Crucible, with a little Salt Peter, you may caſt it into an Ingot of the ſame

ſame weight as before. § 7. The Vertues. They are wonderful ſtrengthners of the Brain, comfort the Animal Spirits, cure the Epilepſy, Apoplexy, Vertigo, Megrim, old Head-achs, Suffocation and other Diſeaſes of the Womb. It is alſo given inwardly, as a powerful remedy againſt Dropſies, purging gently à gr. ij. *ad* vj. in ſome ſpecifick water: outwardly it is uſed to make Eſchars, by touching or applying it to the part.

4. *Sal Fraxini*, Salt of the wood of Aſh.

It is made according to the common Rule, for fixed or Elementary Salts.

It opens all Obſtructions, healeth Wounds, cleanſeth the Reins and whole Body of Salt and ſharp humors, cures the Jaundice, Dropſy, Itch and Scab: ſome ſay, it cures poyſon, malign Feavers, and all ſorts of Epidemical and Peſtilential Diſeaſes; as alſo the Rickets in Children, and the Greenſickneſs in Virgins. Doſe *ad* ℈j. or more in Rheniſh Wine, or Canary.

5. *Sal Acetoſæ Eſſentiale*, The Eſſential Salt of Sorrel.

By Juyce of Sorrel at ſuch time as it runs up to ſeed, purify it, and then put it into a glaſs Cucurbit, and in a ſand heat, diſtil off from it two thirds of the humidity: the remainder ſtrain through a linnen bag, to ſeparate it from the Fæces: then putting the clear juyce into a clean glaſs Cucurbit, diſtil again in B. M. *till the Juyce be of the thickneſs of a Rob, ſetting it in a cool Cellar to Cryſtallize, which in a few days will be don, the Cryſtals ſticking to the bottom and ſides of the Cucurbit. The Liquor that Swims above the Salt, put into another Cucurbit, which evaporate as aforeſaid in* B.M. *and again ſet it in a Cellar to Cryſtallize. Laſtly take theſe Salts, and diſſolve them in the aforeſaid diſtilled water (to make them the more pure) and then Cryſtalize anew, as we have taught in our* Pharm. Lond. lib. 6. Cap. 15. Sect. 6.

This Salt contains the Eſſential part of the Sorrel; cuts, attenuates, and opens Obſtructions of the Liver, Spleen and Bowels; helps di-

digeſtion and cauſes a good Appetite. It abates the heat of Feavers, and reſiſts putrefaction of the humors. Doſe à ℈j. *ad* ʒj. in any convenient Vehicle.

6. *Sal Tartari Compoſitum*, Soluble Cream of Tartar.

℞ *Cream of Tartar, diſſolve it in a ſufficient quantity of warm water, then drop in Oyl of Tartar* per deliquium, *till the ebulition ceaſes; after which evaporate the humidity to dryneſs.*

It gently looſens the Belly, abates the heat of Feavers, ſtrengthens the ſtomach, and opens Obſtructions: give it morning, noon, and night: *ab* ℈ſs *ad* ʒſs.

7. *Sal Tartari Emeticum Mynſichti*, Emetick Salt of Tartar.

℞ *Cremor Tartari, Crocus Metallorum* (*made with Salt of Wormwood, and not freed from the Salt*) *A.* ʒij. *pounder them finely, and digeſt in a Vial cloſe ſtopt*) *with Mother of Time Water* ℔ij. *for three or four days, in a gentle ſand-heat, often ſhaking of it: then encreaſing the fire, unſtop it, and let it boyl gently: filterate and evaporate, till a thin skin covers it; after which ſet it in a cold place to Cryſtallize.*

Mynſicht declares this to be the beſt of all Emeticks, operating with a great deal of ſafety and gentleneſs: It cures all old pains of the Head, Frenzy, Madneſs, Carus, Lethargy, Vertigo, Epilepſy, Apoplexia, Melancholy, weakneſs of Memory, Witchcraft, noiſe of the Ears, difficulty of Hearing, Vomiting, Wind in the Stomach, pains of the ſides, the Pleuriſy, yellow Jaundice, Dropſy, putrid and acute Feavers, continual and intermitting Quartans; It is alſo profitable againſt the Dyſentery, and the contagious venom of the Peſt; the Phthiſick, Aſthma, Catarrh, ſpitting of Blood, inveterate Obſtructions of the Meſentery, Liver and Spleen; as alſo Scirrhous Tumors in any part of the body:

Doſe à gr. ij. ad vj. in Broth, Wine, *&c.*

8. *Sal Chalybiatum*; Steeled Salt.

℞ *Salt of Vitriol (extracted from its Caput Mort.)* ℥iij. *Sal Prunellæ* ℥ij. *Vitriol of Mars* ℥j. *pouder each finely, and mix them; put all into a glaſs Gourd in a Sand heat, with a gradual fire, augmenting it till the matter looks red, flows like water, and at laſt turns to a red hard Stone.*

It is prevalent againſt Cachexies, Scurvies, Corruption and Putrefaction of the Blood, Catarrhs, Dropſies, Obſtructions of the Liver, Spleen, and Stomach: it carries off ill humors by Stool, Urine, Sweat, and inſenſible tranſpiration. Doſe à gr. viij. *ad* ℈j. in Broth or other proper Vehicle.

9. *Sal Diureticum*, Salt provoking Urine.

℞ *Urine of a ſound Man, put into it as much Hungarian Vitriol in pouder, as the Urine will diſſolve: make the Diſſolution in a large Veſſel, that there may be room for ebulition; which ceaſing, put the Liquor into a glaſs Cucurbit, covered with its head: draw off the Flegm and Spirit in a Sand heat, firſt with a ſlow fire, then encreaſing it by degrees, the Volatile Salt will at laſt ſublime.*

This Salt powerfully expells ſerous humors, by Urine: opens all manner of Obſtructions, is good againſt the Dropſy and Jaundice, and carries off by Urine all manner of malign and ſcorbutick Humors: Doſe à ℈j. *ad* ℥j. in Rheniſh Wine, ſome Diuretick water, or in ordinary drink. This Salt is a Compoſition of the Volatile Salt of Urine, mixed with the acid Particles of the Vitriol. The Flegm outwardly applyed gives eaſe in the Gout.

10. *Sal Armoniacum Sublimatum*; Salt Armoniack ſublimed.

℞ *the Scoria made with Antimony, Tartar and Niter (when you make Regulus of Antimony, per ſe,) make*

a Lixivium of it, which filterate and boyl to the conſiſtency of Honey; and by degrees of heat bring it to a fixed Salt; which Salt grind well with fine Sal Armoniack (which has been firſt diſſolved in Diſtilled water, filterated and coagulated) being well ground together, put them to ſublime, firſt, there will come over a little Spirit; then will the Sal Armoniack ſublime in flowers; this you muſt do ſeven times, every time with freſh Fixt Salt of the Scoria.

This ſublimed Sal Armoniack is a powerful ſpecifick in the Gout, ſo that few things can equal it: let it be diſſolved in Wine, dip a Linnen cloth in it, and put it upon the affected place, which moiſten with a Spunge ſo often as it drys, for 12 hours or more: it generally cures at once or twice uſing: inwardly you may alſo give it in Wine or Ale, *à* gr. iiij. *ad* x. letting the ſick ſweat upon it. It opens all Obſtructions, provokes Urine and the Terms, perfectly removes Crudities from the ſtomach, and very happily cures Quartans, and all other putrid Feavers, Gangreens, Mortifications, *&c.*

11. *Sal,* ſeu *Vitriolum Martij* Riverij, *Riverius* his Salt of Iron.

℞ *Oyl of Vitriol, or of Sulphur* ℔ß. *S.V.* ℔j. *mix them in a new Iron pot that is clean, and cover it well: within 15 days there will be a Salt-like gathering, which ſet in the Sun, and dry it throughly, ſtirring it ſometimes with an Iron Spatula: In winter dry it upon a gentle fire, or in Sand, or a warm Oven. Being dry, keep the Salt in a cloſe Glaſs, for being expoſed to the Air, it turns moiſt.*

It is a moſt admirable thing againſt the moſt contumacious obſtructions of the Liver and Spleen, or of any other part of the body: It is ſaid to be a perfect cure for Hypocondriack Melancholy, for which *Riverius* commends it above all other Medicines. Doſe à gr. xij. *ad* ℈j. it may be given in Wine, or other Liquor, Or

Syrup, or Conserve, or made into Pills with Mucilage of Gum Tragacanth. It is to be used long, *viz.* for a month or two, which you cannot do without great profit. It is also a Specifick in the cure of the Scurvy and of the Green-sickness.

12. *Sal Succini Volatile*, Volatile Salt of Amber.

The Salt of Amber, which is very volatile and piercing, is attained after a various manner, and by various Operations. I. *By the Distillation of the Oyl, as we have taught in our* Pharmacop. Lib. 4. Cap. 3. Sect. 39. *where part of the Volatile Salt sticks to the Neck of the Retort, in form of little Crystals, which are to be gathered, and being purified by solution, filteration, and coagulation are to be kept for use.* II. *By evaporation of the spirituous part or liquor, and setting it to Crystalize, which is done by putting that spirituous saline liquor, first filterated,* (*mentioned in Our* Pharm. Lib. 3. Cap. 12. Sect. 51.) *into a glass Cucurbit; placed in a sand-heat, over a small fire, and evaporating about three quarters of the superfluous humidity, and then setting it to Crystalize in some cold place: this evaporation and crystalization you must continue, till the whole Salt, contained in the Liquor is shot into Crystals, which gather together, and keep for use.* III. *By separation from the Oyl, thus: Take the Oyl, put it into a great Matrass or blind Head, upon which put its equal or somewhat greater quantity of distilled Rain Water, cover and lute the Vessel: digest in a moderate ash or sand heat (stirring it every hour) when you see the water well impregnated, remove the fire, separate the water from the Oyl, and filterate the water, which is full of the volatile Salt of Amber, as you may perceive by its acid and biting taste; then evaporate three parts of the water, and set it to Crystalize as the former; in the space of two days the volatile Salt will be Crystalized into a red brown substance, which separate*

rate from the Water, and dry between two papers, in a moderate heat: in this manner evaporate and Crystalize the remaining part of the Water, till all the Salt is drawn forth, which put together and keep for use. If you would have it white, put it into a small Cucurbit, covered with a blind Still-head, and sublime it in sand, with a good degree of heat, so will it arise white and pure, leaving all its impurity in the bottom of the Vessel.

This Salt is the essential part of the Amber, of exceeding great vertues, and indeed much transcends either the Spirit or Oyl, for that it is the real Soul thereof. Its powerful against a Leucophlegmatia, and the first beginnings of Dropsies, where it is wonderful; for that it powerfully discharges the Spleen, and other parts of the lower Belly, by Urine and transpiration; besides which, it is good for all that simple Amber is good for, having all those vertues mentioned in our *Pharmacop. lib. 3. cap. 12. sect. 49.* and acting with four times the strength that simple prepared Amber can act withal. It is good against all Distempers of the Head and Brain, comforts the Nerves and Womb, opens Obstructions, and is prevalent against Scirrhus and other Tumors of the Liver, Spleen, and Mesentery. Dose à gr. iiij. *ad* ℈j. in Wine, Broth, or other proper Vehicle. It is powerful in Vertigo's, Lethargies, Apoplexies, Epilepsies, Convulsions, and Palsies, but chiefly for Diseases of the Womb. It kills Worms, and is a preservative in Pestilential times. There are few Medicines which equal this, for the Diseases it is designed for.

13. *Sal* seu *Vitriolum Volatile Cupri*; The Volatile Vitriol of Copper.

℞ *Green Verdigrise of Montpellier (made with the Recrements or pressings of Grapes)* ℔vj. *grind it into a subtil pouder; put it into a glass Cucurbit, and put upon it good distilled Vinegar, six inches high; stir it often with a wooden spatula, the Cu-*

curbit being placed in ſand, and the Menſtruum being tinged, with a very deep green, decant it clean from the faces, and put on again freſh Vinegar diſtilled, which digeſt and ſtir as before, and when ſufficiently tinged, decant again. This Work Reiterate four times, till the Menſtruum will be but little tinged: at laſt boyl the Faces and laſt effuſed Spirit of Vinegar, that it may diſſolve, and extract what is poſſible to be gotten from the Verdigriſe: thus continue with new ſpirit of Vinegar till the whole Verdigriſe is diſſolved, except a few dirty faces (having no Metalick property in them) which will not be above ℥j. in every pound. Put all theſe Tinctures together, filterate them through paper; evaporate them in a very gentle heat of B.M. in an earthen or rather ſtone Pan, or in Balneo vaporoſo, till a pellicule or thin skin begins to appear, after which put in a cold place for 24 hours, ſo will you find fair blew Cryſtals or Vitriol ſtick to the ſides and bottom of the Veſſel, which dry between two papers, in a very gentle heat; for the heat of the Sun is enough to deprive this Vitriol (ſo Volatile it is) of its beſt and ſubtileſt Spirit. Take the remaining Liquor, evaporate again gently, as aforeſaid, after which ſet it again to Cryſtalize; which work repeat till all the Salt is drawn forth. All being dry, you will find that you have as much Vitriol, or rather more than you had of Verdigriſe in weight, for that all the ſaline, acid and tartarous ſubſtance of the Vinegar is joyned to the Vitriol, cauſing its Cryſtalization.

Now here is to be noted, § 1. That if theſe Cryſtals be not very fair, blew and tranſparent, you may diſſolve them in freſh ſpirit of Vinegar, ſo much as may juſt be fit to diſſolve them cold; let the diſſolution ſtand, that the fæculent Atoms (if any be) may ſettle: the clear Tincture ſoftly decant, but when you come near to the bottom, let that be filterated through paper, by it ſelf; the Tincture by it ſelf; which then mix together, and Cry-

Cryſtalize, as aforeſaid. § 2. That in all theſe filtrations from firſt to laſt, if any conſiderable matter remains in the filter, you are to diſſolve it in freſh ſpirit of Vinegar, and ſo cauſe it to go through, till all the metallick ſubſtance is paſſed. § 3. That after all is done, you are ſo often to diſſolve this blew Vitriol, to filterate, evaporate and cryſtalize, till the Vinegar (by a diſtillation in B.M. or in Aſhes at moſt) come forth as ſtrong as it went in (for in the firſt diſſolution it will come forth as inſipid in taſt as water:) ſo have you a noble Vitriol of great perfection, and highly volatile. § 4. That this volatile Vitriol is the very ſame that the mighty Spirit of Venus is to be made of (as we have taught *cap.* 2. *ſect.* 19. of this Book:) after that it has been digeſted three ſeveral times with the beſt rectified S. V. three fingers high above it, in a double or digeſting Veſſel, for the ſpace of 24 hours, the ſaid S.V. being drawn off every time, whereby the body of the Vitriol might be more and more opened, and prepared for the ſaid Operation § 5. That of this alſo are you to make the ſympathetical pouder of *Digby*, mentioned in Our *Pharm. lib.* 3. *cap.* 11. *ſect.* 77.

14. *Sal Infernalis*, The Cauſtick Salt.

℞ *Quick-lime* ℔j. *put it into a ſtone Pan; put upon it by ſpoonfulls, about four ounces of cold water, that ſo it may gently and as much as may be without ſmoak ſlacked, thereby to retain its volatile Salt, which would all fly away, were it at firſt ſlak it, with a large quantity of water; moreover the volatile Salt is more Cauſtick than the fixed. The Lime being well ſlaked, and thick as Paſt, put upon it at once as much water as will make it like thin Pap; and then put to it immediately good gravelled Aſhes (or Tartar calcined to whiteneſs)* ℔ij. *which let be red hot before hand, for an hour, in a reverberatory Furnace, in a Crucible: this put in by ſpoonfulls, as hot as you*

you can: Then put upon all this matter, water lbviij. *to diſſolve the Salts; let it ſtand 12 hours, ſo have you a Lixivium, which ſeparate by inclination from the Faces into a Copper Baſin, which by reaſon of its Verdigriſe, will accuate it the more, and cauſe a blewiſh color. Put the Baſin over a gentle fire, and evaporate the Lixivium, till it be dry, and becomes a grey Salt, which will be in a lump; but you may take it out by pieces, and keep it in a glaſs well ſtopt.*

§ 1. Here you are to note, that Clavellated or gravelled Aſhes, are nothing elſe but the Calx of Lees of Wine, and old pieces of Casks made of Oak; and therefore Tartar calcined may do the work as well. § 2. That in this Operation no Veſſels of glazed Earth are to be uſed, becauſe the Salts would be apt to corrode the Lead, and thereby dull their own activity, which ought to be preſerved. § 3. That if you would have your Salt well ſhaped; then when the Lixivium is dryed to a grey Salt, you muſt melt the ſaid Salt, and then with an Iron Spatula, red hot (for otherwiſe the Salts would preſently congeal and ſtick to it) take up as much as you pleaſe, and let it fall by drops upon a cold Marble, which when cold take up with a Knife, and keep them in a glaſs cloſe ſtopt. §. 4. That Lime has a two-fold Salt, the one fixt, the other Volatile; the firſt diſſolves in the water which ſlacks the Lime, the other vaniſhes in ſmoak: but if you ſlack it by little and little, putting on only ſome ſpoonfulls at a time, there being but a little ſmoak, the volatile Salts are but weakned, and ſo do diſſolve in the water, and are here neceſſary, becauſe it is the Volatile Salt that makes the fixed Salt both of Lime and Aſhes to be fuſable, and alſo the more Cauſtick. § 5. That this Cautery is nothing elſe but a Salt, compoſed of the fixt and volatile Salts of the Quick-lime and Clavellated Aſhes, elixiviated in common Water, coagulated by a moderate

derate heat, then melted and coagulated upon a cold Marble. § 5. The name ſhews the nature, that it is Cauſtick in a high degree, and produces its effect of Cauterizing in a ſhort time, and yet with much gentleneſs: it will always be dry, if kept cloſe ſtopt, but if it be too dry it cannot diſſolve upon the skin; therefore while you fit all things for its application, let it lye in a ſpoonful of water.

15. *Sal volatile*, ſeu *flores Benzoini*, Flowers of Benjamin.

℞ *pure Benjamin* q. v. *make it into pouder, put it into a Crucible, ſo as it may be but half full: put the Crucible into a round Iron, that has ſprigs or branches on each ſide, which place upon a ſecond row of Bricks, of a Circulatory Furnace, ſo that your Crucible be ſuſpended in the middle of the Furnace, and the fire may ſtrike immediately upon it, fit to the top of the furnace a great earthen Cone (glazed or unglazed) as broad at bottom as the Furnace, but its top angular, where let be left a little hole to give the fire air: lute this Cone to the Furnace, make a mean fire under the Crucible, ſo will the Benjamin immediately riſe, totally in dry fumes, and ſtick to the ſides of the Cone, white as ſnow, having the ſmell of Benjamin, but more ſubtil and penetrating. At half an hours end, take off the Cone, and with a feather gather all the flowers, which keep in a glaſs cloſe ſtopt. In the bottom of the Crucible will be nothing but black oily Faeces.*

§ 1. The whole ſubſtance of theſe Flowers are a Volatile and Balſamick Salt, and therefore are given to ripen old Coughs, open the Lungs, and expectorate the Flegm: they have indeed all the virtues of Benjamin exalted. § 2. The brim of the Baſis of the Cone is applyed to the brim of the Furnace, not the brim of the Crucible, leaſt the heat there ſhould be ſo ſtrong as to make the ſublimed Salt or Flowers melt. § 3. The Cone we uſe is of Earth (not of Paper, as moſt other

Acids being taken away, the Tin will eaſily revive again, as we have taught in *Saccharum Saturni*, Sect. 1. § 13. above. § 2. That if you are not curious to have the Cryſtals, you may have a Salt as good as the former, by a gentle evaporation of the Spirit. § 3. That Tin calcin'd howſoever, will never diſſolve, unleſs it be firſt reduced or ſublimed into flowers. § 4. That this Salt may be converted into a Magiſtery again, by diſſolving it in Spirit of Vinegar, and then precipitating it with Oyl of Tartar, *per deliquium*. § 5. That this Salt is drying and good againſt Scabs, Tettars, and Ringworms, having much the Virtues of the ſalt of Saturn: ſome alſo ſay, it is a moſt powerful thing againſt fits of Mother. Doſe à gr. iij. ad vi. in Wine.

18. *Sal Tartari Emeticum ex vitro Antimonij*; Ememetick Tartar from Glaſs of Antimony.

℞ *Cryſtals of Tartar in pouder* ℥vj. *put upon it in a glaſs veſſel ſo much ſpirit of Urine, as to cover it two or three inches thick; the Cream of Tartar being diſſolved put thereto Vitrum Antimonij levigated* ℥jſs. *fair water* ℥xx. *boyl all in a ſand Furnace* 8 *hours, putting more hot water into the veſſel as it conſumes, then filtrate, and evaporate gently in Sand all the humidity, ſo will a greyiſh white pouder remain, which keep in a Vial cloſe ſtopt. Or thus, from Le Febure.* ℞ *Levigated pouder of glaſs of Antimony Cryſtal of Tartar* ℥iiij. *put them into a glaſs Cucurbit in ſand, to which put* ℥iiij. *of diſtilled Rain Water, boyl and evaporate to dryneſs: diſſolve the matter again in a ſufficient quantity of the ſame water, filterate the diſſolution to ſeparate the Antimonial pouder, then evaporate the filtrated liquor to a Salt, on which put* guttatim *good Spirit of Vitriol, till there is no more ebulition nor noiſe, then evaporate all the ſuperfluous humidity, ſo have you a pure Salt of a pleaſant taſt.*

§ 1. It is good in Lethargies,

gues, Apoplexies, Epilepsies, Ravings, and all other Diseases of the Brain. It cures Diseases of the Stomach, Vomiting, Jaundice, Dropsies, Quotidian, Tertian and Quartan Agues, expels poyson, and the like. § 2. The former of them may be given from four grains to fifteen in Broth: the latter from gr. x. *ad* ʒs. being a Remedy which cannot be sufficiently praised, you may give it in Broth, or other convenient Vehicle, it works chiefly by Stool and Urine, but sometimes provokes Vomiting, when it meets with a stomach stufft with slime and viscosity. § 3. In the former some part of the glass of Antimony dissolves in the boyling, and gives the Emetick quality to the pouder, which is very gentle, because the Tartar has fixt a little the Sulphur of the Antimony.

19. *Sal Tartari Foliatum*, Foliated Salt of Tartar.

℞ *Salt of Tartar* q. v. *put it into a large glass Cucurbit, and gently pour upon it as much spirit of Vinegar as the Salt can suck up, so that they may be saciated by each other, and no effervescency at all; by this the Work is done at once, and the salt of Tartar and acid of the Vinegar are perfectly united: some part of the humidity of the spirit evaporate by a gentle sand-heat, so will you have a black substance at the bottom of the Glass. It being cold, dissolve it in good* S. V. *filter it through brown paper, and in a glass Cucurbit in a sand heat; evaporate the spirit till the remaining substance is dry; this dissolve in* S. V. *again, filterate and evaporate as before: this Work repeat till the salt is white, dry, and in distinct leaves at the bottom of the Vessel, which is the reason it is called foliated, or salt of Tartar in leaves.*

§ 1. There are various ways of making this foliated Salt of Tartar, but this is accounted the best, the design being to saciate the fixt salt of Tartar with the acidity of the Vinegar, and by means of the S. V. to unite them

them the more closely toge ther. § 2. This preparation differs little in nature and qualities from that of the *ſal Tartari Vitriolatum* (where-in the Salt is ſatiated with a more powerful acid) but only in the addition of the S.V. which is a moſt Volatile Sulphur, and as the acids exceeding or over-powring that ſpirit, is the cauſe of turning Wine into Vinegar; ſo the ſaid Sulphur or S.V. qualifies (in this preparation) the extream tartneſs of the acid of the Vinegar, by which the quality of the ſalt is changed, and a peculiar virtue is made manifeſt. § 3. This Salt ſeems to be of a mentral nature, between fixed and volatile, or neither of them: it is good to cleanſe and purify the whole maſs of blood, and to take away gently all Tartarous Humours, the cauſes of many Chronick and rebellious Diſeaſes: it keeps the belly ſoluble, and purges by urine all the filth of the Reins, Ureters and Bladder. Doſe, *à* gr. v. *ad* x. in Broth, or other proper Vehicle. § 4. This ſalt has power to penetrate and open ſeveral minerals, and to extract Tinctures, eſpecially from Mars, by adding to it ſpirit of Wine, or ſome other Liquor, if you diſſolve it in any Cordial water, you may Cryſtalize it according to the ordinary way. The leaves alſo being ſet in a damp Cellar will diſſolve in a kind of purple colored Liquor, of the ſame nature with the Salt, the which you may give *à* gut. vj. *ad* xij. or xjv, as aforeſaid.

20. *Sal Tartari Volatile*, Volatile Salt of Tartar.

℞ *Salt of Tartar, pure and very dry* ℔iij. *or* ℔iiij. *crude Roch Allum, or the* Caput Mortuum *of Roch Allum in pouder as much, put them into a large earthen Retort well coated about; place it in a cloſe furnace of Reverberation, and diſtil with a gradual fire, gently at firſt, but increaſed at laſt to the higheſt degree of heat, ſo ſhall you have (when the Veſſels are cold) in the Receiver a large quantity of Volatile ſalt of Tartar, whoſe ſcent and taſte*

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will be very ſubtil and penetrating, with the ſpirituous water of the Alum mixed with it, which you may ſeparate by rectifying it the ordinary way, ſo will you have the volatile Salt of Tartar in its purity and perfection. Or thus, *Take Tartar calcin'd to blackneſs or ſomewhat more* ℔ij, *put it into a great iron pot, upon which put fair water ſo much as to over-top it an inch or more; put the pot over a very gentle fire, which when the calcin'd Tartar is throughly inbodied, and become luke-warm, ſtrew by degrees upon it, crude Tartar finely poudred* M.j. *ſo will an effervescence ariſe: continue to ſtrew new powder of Tartar upon it by degrees, ſo will the fermentation increaſe, and the bubbles grow greater and multiply, gathering themſelves together, not much unlike cluſters of grapes: in the Interim let not the fire exceed in heat, ſuch as are commonly uſed for Fermentations, ſtill ſtrewing-in the Powder very finely, and not too much at a time, leſt the Ebulition come over the ſides of the Veſſel: when you ſee the ebulition ceaſes, you muſt ceaſe to ſtrew in any more crude pouder of Tartar. Then put this Liquor into a Gourd of iron very large and high, which cover with its head and a recipient, and lute well the junctures, and diſtil in a ſand heat with a very gentle fire, chiefly at firſt, applying continually cold wet Cloths about the Gourd, to ſtop a little the boyling of the matter, at laſt augment the fire, ſo will the volatile Salt aſcend. The diſtilled liquor rectify again, as much as is fit for ſeparation of the Salt, which you will have in whiteneſs and purity:* Or thus; ℞ *of the black diſtilled Oyl of Tartar* ℔j. *fine Salt of Tartar* ℔ij. *mix them well together, and put them into a glaſs Retort, which ſtop extreamly cloſe, and place it for ſix months over a Bakers Oven, or other like heat in ſand, moderately hot: then open the mouth of the Retort and affix thereto a large Receiver well luted: put it into a ſand heat with a gradual fire, ſo will a great quan-*

quantity of a Volatile Salt be drawn forth ſmelling like Urine, White, Cryſtalline, and of a very penetrating ſcent, accompanied with a ſmall quantity of the ſame Salt, which is found diſſolv'd into liquor, mixed with a little Oyl, almoſt as ſubtil and penetrating as the oyl it ſelf. Or thus, ℞ Lees of Wine dried in a gentle fire, put them into a large earthen or glaſs Retort, ſo as to fill it about two third parts full: put it into a Reverberatory Furnace, with a large Recipient, make a ſmall fire firſt to heat the Cornute by degrees that the inſipid flegm may be drawn forth: when fumes or Vapors begin to ariſe, empty the flegm out of the Receiver, and put it to the beak of the Cornute again, luting it well: encreaſe the fire by degrees, till the Recipient is fill'd with white Clouds: continue the fire at that height, till the Recipient begin to cool: then increaſe the fire to the higheſt, which continue ſo long, till no more Vapors aſcend. The Veſſels being grown cold, unlute the Recipient, and ſhake it well about, to cauſe the Volatile Salt which ſticks to it, to fall to the bottom: then put all into a bolt head with a long neck, fitted with its head and a ſmall Receiver, well lute the joynts, put it into a ſand-heat with a little fire, ſo will the volatile Salt ariſe and ſtick to the head and top of the Bolt-head: take off this Head, and apply another in its ſtead, gather your Salt, and cloſe it up immediately, for it eaſily diſſolves into Liquor: continue ſtill the fire, and continually gather up the Salt, as you ſee it aſcend. When no more will ariſe, you may diſtil a ſmall quantity of a Liquor, and then put out the Fire, this Liquor is a volatile Salt joyned with ſome Flegm, and may be called volatile ſpirit of Tartar, having the ſame virtues with the ſalt, and may be given from eight drops to twenty four. Or thus, ℞ Wine Lees q. v. ſeparate by ſtraining and expreſſion the Wine joyned with them: of the Wine draw a moſt ſubtil, volatile and Inflamable ſpirit, which reſerve. The Magma remaining, dry

in the Sun or in a gentle ſand heat: ponder it, and ſprinkle it with the after-reſerv'd ſpirit, or other well rectifi'd S.V. *being moderately moiſtned, let the whole Maſs dry of it ſelf, where you dryed it before: then fill with it two thirds of a large Retort of Potters Earth, place it in a large furnace of Reverberation, fitted and well luted to a large Recipient, then diſtil firſt with a gentle fire, increaſing it by degrees for about* 12 *hours, till the fire comes to the utmoſt violence. After which, the Veſſels being cold, unlute them, and you will have in the Receiver, the Volatile Salt of Tartar mix'd with the oily part, and much flegm. Empty both together into a large Matraſs with a long neck, which place in a ſand heat, which cover with its head well luted to a Receiver; deſtill with a moderate fire, as in the Rectification of other Volatile Salts, ſo will you perceive the Volatile Salt of Tartar, aſcending firſt, to ſtick to the inſide of the head in a white and Cryſtalline form, which gather with what dexterity you can, that it may be purely ſeparated fro the oil part, which will aſcend next to this volatile ſalt, with the flegm alſo, impregnated with ſome ſmall portion of this ſaid Salt. The rectified* S.V. *is not abſolutely neceſſary in this work, but there is this in it, that by embracing ſome part of the acid of the Lees, and taking it along with it in its diſſipation, it frees the Volatile Salt, whereby you will have it in greater quantity than otherwiſe it could be got.*

§ 1. Here is to be noted, That in the firſt way of making this Volatile Salt, with Allum or its *Caput Mortuum*, that the Acid contain'd in the Allum is ſo weak and inconſiderable, that the reaſon of the ſaid Salt's Volatization cannot be attributed thereto, but rather to its fixed part, which remains after diſtillation, which effect it produces without any participation with the Acid: but ſuppoſe it ſhould participate of ſome ſmall portion of the Allum: (which we can yet prove it dos not) that mineral Salt yields nothing of evil

in Diſtillation, and its ſpirituous water is beneficially uſed in Diſeaſes of the mouth and throat. § 2. In the ſecond way, the Volatization is made by a natural fermentation, cauſed by mixing the fixed Salt of Tartar with raw Tartar, becauſe 'tis thought that this fermentation, makes ſo perfect a diviſion of the parts, of both the calcin'd and crude matters, that after diſtillation, there is not to be found at all any Salt either fixed or volatile. § 3. In the Third way, where the Diſtilled oyl of Tartar is uſed, this is apparent, that although the ſaid oil contains much of the Volatile Salt, as do ſeveral other Oyls; yet our Volatile Salt of Tartar proceeds not from it; but that the greateſt part of it proceeds from the Salt of Tartar it ſelf: The Reaſon is, becauſe the Volatile Salt aſcends in very great quantity, *viz.* much more than you put in Oyl; and alſo becauſe there remains only an oily Coal (as fæces) weighing very much leſs than the Salt of Tartar made uſe of. The reaſon of this may be from the long digeſtion, by which the ſmalleſt particles of both ſubſtances are opened and divided, thereby diſordering them, and giving them a new Scituation, whereby fixed Salt, quitting its Chains, immediately becomes Volatile, and manifeſts it ſelf with all its qualities. This ariſes from the ſecret fermentation of the Volatile Salt in the Oyl of Tartar, with the Acid of the fixt Salt, converting it in ſome meaſure into its own proper ſubſtance, whereby there is a change of figure and Scituation in the parts, as aforeſaid: and thereby a volatization of the Salts, both alcalious and acid. § 4. The Fourth and fifth ways different much one from the other, ſave in the Addition of the Spirit of Wine: Here the acid ſubſtance of the juyce of the Grape unites it ſelf with a great part of the Volatile Salt, to make the Compoſition of the Tartar, whence 'tis that Tartar yields not ſo much Volatile Salt as the Lees at the bottom of the cask, which mightily abound in

in a volatile Salt, and a ſulphurous Spirit: Hence it is that the Volatile Salt of Tartar is more eaſily and plentifully drawn from the Lees, than from the more ſolid and ſtony Tartar. § 5. This volatile Salt, is ſaid to purify the whole Maſs of Blood both by ſweat and urine, and ſometimes by ſtool, whereby a Maſs of putrefactive humors and matter are carried off: It is good againſt the *Palſy*, *Apoplexy*, *Epilepſie*, and all intermitting Feavers, chiefly the *Tertian* and *Quartan*. It opens all ſorts of Obſtructions of Liver, Spleen and Gall: cures Cachexies, Dropſies, Jaundice, Scurvy and other ſtubborn Diſeaſes. Doſe à *gr.* x. *ad* ℈j. in a fit Liquor or Conſerve.

CHAP. XI.

of LIQUORS.

1. LIquor *Argenteus* ſeu *Catharticum Argenteum*, The ſilver Purge.

℞ *of the beſt native Cinnabar reduc'd into fine Pouder* ℥v. *fine ſilver in leaves* ℥j. ß. *the beſt copper in ſmall filings* ℥ſs: *diſſolve each apart in double* AF, *or the beſt Sp. of Nitre make a Precipitation of the Calces, which you ſhall free from the Corroſive Spirits of the* AF *or Spirit of Niter according to Art. Theſe Calces diſſolve again a-part in Spirit of Honey or Spirit of Salt; precipitate again, and ſweeten, as aforeſaid; from which being mixed together, you ſhall three times burn off a fit quantity of Rectified* S.V. *The Calces thus ſweetned and dry'd, you ſhall put into a Glaſs Matraſs, upon which you ſhall affuſe our univerſal Menſtruum,* ℥xiiij. (*which is the Menſtruum of the World, and a true diſſolvent*) *ſet them in a Philoſophick heat, or the*

fire of Nature for 24 hours, ſo will it radically diſſolve the Calces, and bring them into their firſt matter: this diſſolution decant, filter and keep for Uſe: upon the remaining Calx undiſſolved (if any be) affuſe more of the Menſtruum, which digeſt, decant, and filter, as aforeſaid: thus continuing the affuſion of new Menſtruum, ſo long till the whole Calx is diſſolv'd, you will have, at laſt, an almoſt colour-leſs, ſmell-leſs taſt-leſs Liquor, eſpecially if it be mixt with any other Vehicle.

§ 1. Here is to be noted That this Menſtruum adds nothing of Virtue to the Medicine ſimply from it ſelf, but only by Accident, as more perfectly diſſolving and opening the bodies of thoſe ſeveral Calces, whereby their *Poteſtates* or Powers more eaſily mingle themſelves with the Sanguinous Maſs, and thereby fix their Caracter upon the whole habit of the Body. § 2. That this Silver purge is an admirable thing beyond moſt other Medicaments, and performs whatever any other Purge or Vomit can do. If the Stomach be foul, it will cleanſe it, and work gently both by Vomit and Stool; if the Stomach be not foul, it only works downwards: if it be given in a ſmall Doſe, it works neither upwards nor downwards, and yet by a conſtant taking it for ſome time, as 2, 3 or 4 months, it cures almoſt incurable Diſeaſes, without any manifeſt alteration. § 3. That it is call'd the Silver Purge, not that THAT is the ingredient whoſe quantity is largeſt, but becauſe it is the ingredient from whence is drawn the Cathartick force of the Medicament, for that without it, the Medicament would not Purge at all. § 4. That by means of the Menſtruum, the purging of the Medicine is not only certain, but determined to a certain time; for, whereas without this Diſſolution, the particles of the Calx might cloſely adhere to the Tunicles of the Ventricles, cauſing, a continual working, ſometimes for 2, 3 or 4 days together; now no ſuch thing can be by reaſon of this liquid form, where-

whereby it is ſeldom known to work above 2, 3 or 4 hours at moſt. § 5. That it opens all Obſtructions of the Bowels, as Lungs, Liver, Spleen, Reins, Womb, Meſentery, and Lacteal Veins: but here is to be noted, That it ought to be given in Obſtructions of the Lungs for 12 or 16 days, in ſuch a proportion as it may neither Vomit nor purge, and that in all the Liquor the Sick drinks 5 or 6 times a day: in the other Caſes you may give it in the largeſt proportion that is fit for the Age and Strength of the perſon. It cures Agues and Feavers of all ſorts at 2, 3 or 4 times taking, and I have ſometimes cured an Ague with it at once taking. It cures almoſt all Diſeaſes of the Head, as Head-achs, Megrims, Frenzy, Madneſs, Fallingſickneſs, Apoplexies, Convulſions, Palſies, Lethargies, Vertigo's, and other like Diſtempers of the Brain. It is a Specifick Remedy for the Cure of moſt Chronick Diſtempers, as Quartan Agues, Hypochondriack Melancholy, pains of the Stomach, ſwellings of the Liver and Spleen, Cachexies, Green-ſickneſs, Stoppage of the Terms, &c. It carries off the impurities of the Stomach, cleanſes the Blood, reſtores it to its courſe and circulation, cheriſhes the Vital Spirits, reſtores the functions of all the Parts, adding to the Body Strength and Vigor. It perfectly cures the Gout, given in the Paroxiſm ſo as it may not work; but after the Fit is over, ſo that it may work ſtrongly. It cures the Scurvy, Dropſy and and Kings-Evil, as it were to a Miracle; ſo alſo the Jaundice, Sciatica, Worms, Rickets in Children, Conſumptions occaſioned through manifold Obſtruction, Fits of the Mother, and moſt other ſtubborn Diſeaſes, not to be cured by any other Medicine. It is alſo eminently good in the Cure of all runing ſores, old Ulcers, Fiſtula's, Pox, &c. in any part of the body, proceeding from what cauſe ſoever. § 6. That the way of exhibiting it, is either as a Diet, whereby the Body is only altered, or with an Intention to purge. If as a Diet, give 2, 3, 4, 6, 8 or 10 drops

at a time, 4, 5 or 6 times a day in Beer, Ale or Wine, according as the Sick is in Age and Strength. If with an intention to purge, give to Infants (*quoad cupax*) from 5 to 20 drops. To Children of 4,6, 8 10 or 12 years of Age, from 20 to 40 or 50 drops. To Youth from 10 to 16 years, from 50 to 80 drops: From 16 or 18 to 40, 50 or 60 years of Age, from 120 drops, to 160 or 200 drops, which is from about ℈iij. *ad* ℥iſs. or ℥ij; always obſerving this, to encreaſe the Doſe every time till it works enough. Give it in Broth, Beer, Ale or Wine, and that every 4,5,or 6th day in the morning faſting; having ſome Broth, Mace Ale or Poſſet Drink to take after it; being mixt with its Vehicle, no Stomach can refuſe it. One Ounce will make 4, 6, 8, or 10 ſeveral Doſes, according to the Age and Strength of the Patient. § 7. Now this is ſpecially to be noted, That in all Chronick Diſeaſes it ought to be uſed (as well as for purging) a Dietetick way; conſtantly giving it in a few Drops, as aforeſaid 5 or 6 times aday, by which means it inſenſibly alters the whole habet of the body, and may indeed ſerve inſtead of many other Diets in thoſe very Caſes. For this is very certain, unleſs the whole habit be abſolutely altered, no cure can be expected: for the cure in ſuch Diſeaſes always follows the alteration of the Habit; as every man experienced in Phyſick does ſufficiently know. 8. *Laſtly*, That in External Diſeaſes, you may bath the part or parts afflicted therewith, for that it has both a digeſtive and reſolutive Power: giving it alſo inwardly in a proper Vehicle (as aforeſaid) either as Diet or purge, or both, as you ſee occaſion requires: this being obſerv'd, the Alteration and Cure of the Diſeaſe will the more ſpedily ſucceed, to the ſatisfaction of the ſick: But this you muſt note, That it be with Caution uſed to raw places, leaſt it cauſe much ſmarting: in this caſe let it be firſt diluted with a little Roſe- or Plantane-Water. *Price* 5 s: *an ounce*.

2. *Li-*

2. *Liquor Aureus*, Liquor (called by ſome Oyl) of Gold.

℞ *Sol p.* j. *Spaniſh or rather Hungarian Mercury, p.* vj. *mix both together, and then diſtil the Mercury from the Sol: after mix the ſame Mercury again with the Gold, which Amalgamation continue till the Sol will not mix with your Mercury. Then take the Sol, grind it, and put it into a clean crucible, and calcine it, till it be almoſt red hot, after which extinguiſh your Sol, in the beſt rectified Spirit of Vinegar, pour the Vinegar from the Sol, and dry the Sol well, then make it hot again, extinguiſh it in your former Vinegar, which do* 5 *or* 6 *times: This done, take your Sol, drie it, and Amalgama it again with the Mercury, and diſtil it agin as at firſt: this do ſo long, till your Sol will not mix with your Mercury; then calcine your Sol again, and extinguiſh it in the former Vinegar* 5 *or* 6 *times: if your Vinegar waſts, you may add to it ſome freſh ſpirit: thus continue till you think there is no ſtrength left in your Mercury: Afterwards you muſt take freſh Mercury, and go to work as before, and ſo continue till you have enough from the Gold. Then take the Vinegar which is impregnated with the whole Eſſence of Sol, evaporate it, or diſtil it very ſoftly off, and it will lie at the bottom like a yellow Salt, which you ſhall diſſolve in diſtilled Rain-water: filter it, and evaporate it again ſoftly, put it into a little Retort, and place it in ſand, with an indifferent large Receiver; give fire by degrees, and it will come over in a white ſpirit-like ſmoak, and then it will aſcend and come over like red Saffron, which will reſolve into a red liquor, then let the fire go out; and keep the diſtilled matter for uſe.*

This is one of the greateſt Arcanums under the Sun, ſcarcely inferiour to any other: iij or jv drops are able to extinguiſh any ſickneſs or diſeaſe: in this Oyl of Gold is one of the greateſt Secrets of Nature. It is

ſaid to tinge *Luna* into perfect *Sol*: and with this Liquor *Raimund Lully* figureth Mercury in *Exenterata Natura*.

3. *Liquor Aureus*, ſeu *Aurum potabile*, *Franciſci Antonij*. The Golden Liquor or Potable Gold of Dr. Anthony.

℞ *Block Tin*, *calcine it in an iron Pan* (*made red hot before you put the Tin in*) *keep a continual fire under it*, *ſtirring it alwaies till it be like unto Aſhes*; *of which ſome part will look red*; *the Calcination will be half a day at leaſt*, *all which time it muſt be ſtirred with a little iron Cole-rake*, *with a handle about* 2 *feet long. Theſe Aſhes keep in a Glaſs cloſe covered: of theſe Aſhes take* ℥jv. *ſpirit of the ſtrongeſt red Wine Vinegar* ℔ iij: *put them into an Urinal like glaſs*, *the Aſhes being put in firſt: lute the Veſſels*, *and digeſt in a hot Balneum ten days*, *after which take it forth and ſet it to cool*, *and let it ſtand* 2 *or* 3 *whole days*, *that the faces may ſink to the bottom*, *ſhaking the glaſs* 6 *or* 7 *times every day. That which is clear*, *decant*, *or filter it by* 2 *or* 3 *threads into a glaſs-baſon*; *and deſtil it in a glaſs Still*, *till the Liquor be all drawn off. This diſtilled water put upon freſh Aſhes* ℥jv. *Upon the Aſhes from which the firſt Liquor was diſtilled*, *put alſo ſpirit of ſtrong red Wine-Vinegar*, *lute the glaſſes as before*, *and put them into the Balneum*, *and digeſt it* 10 *dayes*, *filter and diſtil as aforeſaid: Pour on the Aſhes again freſh ſpirit* ℔j: *digeſt in Balneo* 10 *dayes: filter again*, *and diſtil as aforeſaid: after the third Infuſion caſt away the Aſhes: diſtil all the Infuſions apart*, *till the Liquor be wholly drawn forth. Take this diſtilled Liquor*, *as often as it is diſtilled*, *and pour it upon new Aſhes*, (*keeping the Weight and Order*) *theſe Infuſions*, *filtrations and diſtillations reiterate* 7 *times: and you ſhall have of this water the Menſtruum ſought for. This ſpirit muſt be from the ſtrongeſt Vinegar*, *and from red Wine*, *otherwiſe the* Menſtruum

ſtruum *will not perform its work. Take of the moſt pure refined Gold* ℥ j *: file it into fine duſt with a fine file, calcine it, and put to it ſo much white Salt, as will near fill the Pot it is calcined in, ſet it among Charcoal, where it may ſtand continually hot for* jv *hours (if it ſtand too hot the Sal will melt) then put it on a Painters Stone, and grind it very ſmall with a Muller: put it into the Pot and calcine it, and grind it again, till you have done it* 4 *or* 5 *times: if it look red and blew when you take it forth, it is perfect and good. After this calcining and grinding, put it into a glaſs-Baſon, which fill with Scalding hot water; ſtir it a good while, let the thick part ſettle to the bottom, then decant the water: put more water, ſtir it, and let it ſettle, and decant it, as before: thus do ſo long till the water, after ſetling has no taſte of Salt, which will be* 2 *or* 3 *dayes in doing. Of this ounce of Gold, there will ſcarcely be above gr, xvj or xvij. brought into fine white Calx: but to ſeparate it from the Gold, leave a little of the laſt freſh water in the Baſon, and ſtir it well together, the Calx will ſwim at the top, which ſoftly pour off from the Gold, into another Baſon: if all the white Calx go not forth, put to a little more water, and ſtir it again, and pour it off into the Baſon to the other Calx: then let it ſettle, and decant almoſt all the water; what remains evaporate away, over a gentle heat, till it is throughly dry, which keep in a glaſs cloſe ſtopt: The Gold which is not yet in Calx, put to the Salt, as aforeſaid, which calcine and grind four times again; and then waſh it, and ſeparate the Calx from it, as before: what Gold remains again calcine and waſh again, repeating this work till the whole ounce is brought into a white Calx. Take of this Calx* ℥ j *; which put it into an Urinal-like glaſs containing about a pint, put to it half a pint of the* Menſtruum*; ſet the Glaſs in a hot* B.M. *for ſix dayes (being cloſe luted) ſhake it often every day; when the ſix dayes are ended, let*

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let it ſtand 2 or 3 dayes, then decant that which is clear, very gently, for fear of troubling the Faces. To the faces put freſh Menſtruum, *but not fully ſo much as at firſt, and ſo the third time, but not fully ſo much as at the ſecond, then take the dry faces which is the Calx and keep it, leſt ſome Tincture remain in it. Theſe colored Liquors put into a glaſs Stil, and diſtill in* B.M. *with a very gentle fire, till all that which is clear is come over, and that which remains be as thick as honey: then take it forth and let it cool: put the glaſs into an earthen pot, and put aſhes about the glaſs into the Pot, and fix the pot faſt into a little Furnace, and make a fire under, ſo that the glaſs may ſtand very warm, till the Faces be black and very dry: (you may look with a Candle through the glaſs, and ſee when it is riſen with Bunches and dry:) then take away the fire, let the glaſs be very cold, and take out the black earth: this black earth put into a glaſs baſon, grind it with the bottom of another round Glaſs to pouder, put it into an Urinal-like glaſs containing about a pint: to which affuſe above half a pint of the ſpirit of Wine: ſet this Glaſs in a cold place, till it be red, which will be in about ten days time; ſhake it often every day, till within three dayes you pour it forth: Then gently decant the clear Liquor, which put into a glaſs alembeck (or other Glaſs, till you have more of it:) to the faces put more* S.V. *which digeſt, ſhake and decant, as before: if that be much colored, put* S.V. *to it the third time, as at firſt: put all theſe colored liquors together, and diſtill till the feces (called the Tincture) is as thick as a Syrrup or new Honey: take one ounce of this Tincture, and put it into a pint of choice Canary wine: and when it is clear, which will be in about a day and half, or two dayes time, it will be fit for uſe.*

§ 1. This is the true preparation of that famous Medicine, the *Aurum potabile* of that moſt Famous and learned Engliſh man Doctor *Francis*

Francis Anthony; taken from his own hand-writing, which he ſent in a Letter to Biſhop *Bilſon*; the Biſhop made it according to this *Recipe*: and Mr. *John Goodyer* a Phyſician (ſometime the Biſhops ſervant) coppied it from the Doctor's Original aforeſaid, ſent to the Biſhop: this *Goodyer* dying left it to Mr. *Edmund Talden* a Miniſter of the Church of *England* at *Compton* nigh *Godliman* in *Surry*, who communicated it to me, with the Original letter to the Biſhop under Dr *Anthoney's* hand, which I have now by me. § 2. There are many pretended Preparations of this Medicine extant, as that in *Schroder* (mentioned in our *Pharmacopœia*) and thoſe publiſhed by *Horſtius*; which Dr. *John French* has publiſhed in his *Art of Diſtillation*, *lib.* 6. *pag.* 198. But we being ſatisfied That this true Coppy was taken from an Original under Dr. *Anthonies* own hand, could do no leſs, but faithfully communicate it to the World, as we received it. § 3. How the Spirit of Vinegar to form the *Menſtruum* is made, We ſhall here ſhew you from the ſame Authograph. Get 3 or 4 Glaſs-ſtills, which will hold a Gallon or two apiece, and about 6 Gallons of the ſtrongeſt red Wine Vinegar (Vinegar of *Claret* or *Whitewine* are too weak) made of red Wine, Sack, or Muſcadine: put the Vinegar into the Stills, and ſet as many a going as the *Balneum* will hold (which *Balneum* ought to be two foot and a half ſquare, to hold many Glaſſes:) Take a pint of that which runs firſt, and put it away as weak, and not fit for this uſe: thus, Diſtil the reſt to dryneſs: Waſh the Still with a little of the flegm or firſt running: Deſtill again, and put away the firſt pint; thus do four times; ſo of a Gallon you will have three pints of the Spirit of Vinegar; and of your ſix Gallons only two Gallons, and two pints: if your ſpirit be yet too weak, you muſt diſtil it oftner: keep it cloſe ſtopped in a Glaſs to make your *Menſtruum* with, you may ſtop it with Cork and Lea-

Leather: for a Quart of this *Menſtruum* Biſhop *Bilſon* gave Dr. *Anthony* 30 ſhill. § 4 To make the *Menſtruum* with, you may provide 3 ſtrong great Glaſſes containing 2 quarts a piece, with little mats round the bottom: In luting, firſt ſtop the mouth of the Glaſs with a Wooden ſtopple of dry wood, firſt boyled, then dryed in an Oven, and dipt in wax: then melt hard Wax over all, and paſte brown Paper next over that, over which apply lute made of Clay, horſe-dung and aſhes. Let alſo the Cloſings of the head of the Still, as alſo the joyning of the Beak of the Alembeck and Receiver be paſted together, and made firm with brown paper, ſo that no ſtrength may go forth. § 5. The Virtues hereof are the ſame with other *Aurum Potabile's*, and it has almoſt done Miracles, as the Author thereof relates: It fortifies the Heart, revives the Spirits, ſtrengthens Nature and reſtores it: and is a moſt admirable thing in fainting and ſwooning fits, palpitation and other defects of the Vital ſpirits: it is good againſt poyſon, bitings and ſtingings of venomous beaſts, the Plague or Peſtilence, and all other malign and contagious Diſeaſes. We have here giv'n you the true, that from *Horſtius* follows.

4. *Liquor Aureus Franciſci Antonii, ex Horſtio*, the *Aurum Potabile* of Dr. *Anthony*, as it is in *Horſtius*.

℞ *Of the fineſt Gold, diſſolve it in* AR. *according to Art (the* AR. *being made of* AF. ℔j. *and Sal Armoniack* ℥jv. *diſtiled together by a Retort in Sand:) this clear Solution put into a large Glaſs having a wide neck; and upon it put drop by drop* Oleum Tartari per deliquium, *until the* AR. *which before was yellow, becomes clear and white; for that is a ſign that all the Solar Calx is fallen to the bottom: let it ſtand all night, and in the morning pour off the clear liquor: waſh the Calx 4 or 5 times with Common ſpring water being warmed; then dry it with a very gentle heat, for if the heat be too great*

great, the Calx will take fire preſently like Gun-pouder, and fly away, which may be as well dangerous, as a great loſs; for which cauſe it will be beſt to dry it in the Sun upon a ſtone, ſtirring it well with a wooden ſpatula: to this Calx add half as much pouder of Sulphur, mix them together, and in an open Crucible let the Sulphur conſume in the fire, putting a gentle fire to it at firſt, and towards the end a moſt ſtrong fire for the ſpace of an hour, that the Calx may be a little reverberated, and become moſt ſubtil, which keep in a Vial cloſe ſtopt for Uſe. This done, Take Urine of a ſound, healthy man who moderately drinks wine, put it into a Cucurbit, which ſtop cloſe and ſet in Horſe-dung for 40 daies; after diſtill it by an Alembeck in ſand with a large Recipient, untill all the humidity is drawn off; rectify this ſpirit by Cohobation three times, that you may obtain the ſpirit only, then diſtill it in ſand by a bolt head with a long neck, having a large Receiver affixed to it, and the joynts well luted, ſo will the ſpirit aſcend into the top of the Veſſel like Cryſtal, without any aquoſity at all, which diſtillation you muſt continue till all the ſpirit is aſcended. Theſe Cryſtals diſſolve in diſtilled rain-Water, and diſtill as before, which work repeat ſix times, every time taking freſh diſtilled rain-water. Then put theſe Cryſtals into a Glaſs bolt-head, which cloſe hermetically; put it into Balneo with a moderate heat, for 15 dayes, that they may be reduced into a moſt clear Liquor, to which add S. V. rectified, an equal quantity: digeſt again in Balneo the ſpace of 12 dayes, in what time they will be united. Take the Calx of Gold aboveſaid, put upon it theſe united ſpirits, ſo much as will cover it 3 Inches, digeſt in a gentle heat, till the liquor is tinged red as blood. Decant the Tincture, and put on more of the aforeſaid ſpirits, doing as before, till all the Tincture is extracted: Put all theſe tinged ſpirits together, digeſt them 10 or 12 dayes, then abſtract the ſpirit with a gentle heat, and cohobate once: then

then the Calx will remain in the bottom like an oyl, as red as blood, and of a pleasant odour, dissoluble in any Liquor. If you distil the same by a Retort in sand, there will come over (after the first part of the Menstruum) *the Tincture, with the other part thereof as red as blood, the Earth which is left in the bottom of the Vessel being dry, black, spongy and light. The* Menstruum *being evaporated away, the Oyl of Gold will remain by it self, which keep as the most excellent* Arcanum.

The Virtues are the same with the former, being giv'n à gr. jv ad viij, it wonderfully refreshes the Spirits, and works several wayes chiefly by Sweat.

5. *Liquor Hydropicum*; Liquor against the Dropsy.

℞ *White or Rhenish wine* ℔viij: *Salt of Broom* ℥ij: *Wormwood* Mj. *inspissate juyce of dwarf Elder* ℥ij: *Horse-radish* ℥j: *digest 40 dayes in a warm* B. M. *then filter the Liquor and keep it for use.*

It powerfully evacuates watery humours, and cures the Dropsy: Dose a quarter of a pint or more morning and evening.

CAP. XII.

Of WINES.

1. *Vinum Adriani Papæ*, Pope Adrian his Wine.

℞ *of the Rinds of all the Myrobalans, together with their kernels, first dryd,* ℥iiss. *red roses dryed* ℥j: *Cinnamon* ℥j ß *flowers of Rosemary, Lavender, A.* ℥ß: *Cardamoms, Cloves, Cubebs, Galangal, Grains of Paradice, A.* ℥ß: *bruise all well together, and put them into three quarts of choice Canary.*

It

It was invented as a conſtant Liquor, to be drunk of thoſe that are frequently troubled with Catarrhs; for it excellently ſtrengthens the Stomach, head and Brain, and cures all manner of Diſtillations cauſed from Diſtempers of thoſe parts. Drink it in the Morning faſting, juſt before Dinner, and laſt at night going to bed. It alſo powerfully expels Wind, and gives eaſe in the Cholick.

2. *Vinum Cochlearia Williſij*, Dr. Willis his Scurvy-graſs-Wine.

℞ *Juyce of Scurvy-Graſs enough to fill a Veſſel of* 3 *or* 4 *Gallons, put to it Ale-yeſt, enough to make it ferment for two dayes: then, the Veſſel being cloſe ſtopt, put it into a cool Cellar for* 6 *months: afterwards, the Liquor being clear, and like ſpaniſh Wine in color, draw it forth into Bottles, and keep it for uſe. It may be kept good and incorrupt for many years.*

It is an admirable Cure for the Scurvy, and moſt other Diſeaſes proceeding from Obſtruction, chiefly Diſeaſes of the Stomack, Liver and Spleen. Doſe ab ℥ij ad iv. twice a day:

3. *Vinum Antiſcorbuticum Williſianum*, Willis his Antiſcorbutick wine.

℞ *Scurvy-Graſs M.* jv: *ſhavings of wild Radiſhes* ℥jv: *Cortex Winteranus* ℥ß: *Outward Rinds of Oranges and Limons, A.* N°jv: *Rheniſh or thin ſpaniſh wine* ℔ij. *put all into a glaſs ſtop it cloſe up, and keep it in a cool Cellar for uſe.*

It has the Virtues of the former, and may be taken in the ſame Doſe.

4. *Vinum ſanctum*, A wine againſt the French Pox.

℞ *Guajacum, Sarſaparilla* A. ℥j: *Polypody* ℥ij: *Sena* ℥iij: *Canary* ℔v: *digeſt in a gentle* B.M. *for a Month, then ſtrain it out for uſe.*

It is good againſt cold Diſeaſes, as Palſie, Cachexia, and Dropſy; but chiefly againſt an old French Pox: doſe ℥iij or iv. morning and and evening uſing much Exerciſe after it.

5. *Vinum*

5. *Vinum Benedictum Maxii*, The Bleſſed Wine of Maxius.

℞ *Crocus Metallorum* ℥ij: *White Hellebor bruiſed* ℥j: *Mace, Cloves*, A. ℥ß: *Canary* ℔ii ſs: *digeſt a month in* B. M. *and keep it on the faces.*

It is good againſt the Gout, and all intermitting Feavers, quotidian, tertian and quartan. It helps againſt Melancholy, cleanſes the Stomach, and purifies the Maſs of blood from all ſerous and thin humours; and is indeed moſt excellent to cure the Green ſickneſs: Doſe à ℥ ij an ℥j: or more, according to age and ſtrength: let it be taken in the morning, either by it ſelf or with Syrrup of Vinegar.

6. *Vinum Cephalicum*, Wine for the head.

℞ *Cloves, Mace, Nutmegs, Cardamums, Zedoary, Cinnamon*, A. ℥ ſs: *Roots of Elecampane, Limon and Orange Peels*, A. ℥j: *Cetterach, Roſemary, Centory, Scordium, Carduus, Liverwort*, A. M. ſs: *bruiſe the ſpices, roots and Peels, cut the herbs and digeſt all in Rheniſh Wine*, ℔viij.

It cures Catarrhs wonderfully, ſtrengthens the head, liver and ſpleen, eaſeth the Cholick, expels wind, and helps in fits of the Mother.

7. *Vinum Hydragogum*, A wine againſt the Dropſy.

℞ *Roots of Gentian, Orrice, Succory, Fennel, Maſterwot*, A. ℥j: *middle bark of Elder* ℥j ſs: *leaves of Ground-pine* Mj: *Roſemary*, P. ij: *flowers of Centory the leſs*, P. j. *ſeeds of Smallage, Coriander, Carraway, Fennel, Roman Nettles* A. ℥j. *Sena* ℥ij: *Jallap* ℥ ſs: *Agarick* ℥iij: *Turbith* ℥ſs *cut, and digeſt a month in* ℔vj *of Rheniſh Wine.*

Barbet ſaith it cures the Dropſy alone. It expells watery humors, opens Obſtructions, and is good againſt the Scurvy, Jaundice, and Surfeits. It has alſo often cured the Rickets in Children. In the making of it you had better make a Tin-

cture

ſture of the Jallap and Turbith in S.V. apart; and after mix your Extraction, for the Rheniſh will ſcarcely draw forth the Reſin in which their chief virtue lies.

8. *Vinum Claretum Stomachicum*, Red Stomach Wine.

℞ *Cinnamon bruiſed* ℥ jv. *Cloves, Ginger, Jamaica Pepper, Cardamoms, Galanga, all in pouder*, A. ℥ ß; *Cinnamon Water* ℔ jv; *Roſe-water* ℔ jß: *put all into a Glaſs Matraſs 24 hours, then filter, and diſſolve therein* ℔ j *of loaf Sugar.*

It is exceeding pleaſant, ſtrengthens the ſtomach and noble parts, expels wind and cauſes an Appetite. Doſe ℥ j ad ℥ iij.

9. *Vinum Arthriticum Barbetti*, Wine againſt the Gout.

℞ *Rocket ſeed* ℥ ß: *Coloquynthis, Agarick*, A. ℥ ij; *Aloes* ℥ j: *Salt of Cammomil* ℈ ij; *Rheniſh wine* ℥ xv; *digeſt 40 dayes, ſtrain and keep it for uſe.*

It is an admirable thing to purge Choler, flegm and watery humors, and ſpecially to give eaſe in the Gout. But it was deſigned by *Barbet* to waſh with for Baldneſs: Doſe inwardly 4 ſpoonfuls.

10. *Vinum Anodynum*, Wine Eaſing pain.

℞ *Kitriol white and green* A. ℥ ß: *prepared Niter* ℥ vj: *Myrrh* ℥ ij: *Alum, Opium*, A. ℥ j: *White wine* ℔ ß. *SV. rectified* ℥ x. *Elder Vinegar* ℥ iij. *mix them.*

In a hot Gout, or any pains proceeding of heat and inflamations, this Wine is of ſingular uſe, being fomented upon the place. In the Gout from an hot Cauſe, it has ſcarcely ever been uſed without ſucceſs.

11. *Vinum ad Icterum*, A wine againſt the yellow Jaundice.

℞ *White or Rheniſh Wine* ℔ iij; *Saffron* ℥ iij: *infuſe three daies, then ſtrain out: then take Earth-worms* ℥ ix: *waſh and cleans them from their earth very well, cut them and beat them in a Mortar, which put into the former*

Wine, let them ſtand 24 hours in a gentle B.M. *then ſtrain it hard out.*

This is eſteemed an abſolute cure for the Jaundice at three times taking, taking a pint thereof for three mornings together.

12. *Vinum purgans Catholicum Horſtii.* The Univerſal purging Wine.

℞ *Roots of Polypody of the Oak, of Calamus aromaticus,* A. ℥ſs: *Carthamus ſeeds* ℥ j: *Seeds of Fennel and Aniſe,* A. ℥ iij: *bark of yellow Myrobalans, and of Chebs,* A. ℥ij *Cinnamon* ℥ ij ſs: *Cloves, Mace,* A. ℥iv. *Conſerve of Broom flowers, of Violets, and of Mallow-flowers,* A. ℥ ß: *white Hermodacts* ℥vj: *Turbith* ℥ ß: *Sena-Cods, or rather choice Sena,* ℥ ij: *white or rather Rheniſh Wine* ℔ ij *or* iij: *bruiſe, mix and infuſe all in a glaß Veſſell well-luted: digeſt all in a gentle heat in* B.M. *for a Week: then ſtrain, and dulcify with white Sugar* ℥ vi. *and keep it in a glaß cloſe ſtopt for uſe.*

This purging Claret carries off all humors whether thick, thin or Melancholy, with a world of Gentleneſs and Eaſe: this quantity may ſerve for 6 or 8 doſes: but for ordinary perſons ℥ij may ſuffice. It may be given every day for 8 or 10 dayes together, early in the morning faſting. It prevails againſt ſerous and Hydropical humours: and is experienced againſt the Stone and Gout, and ſuch as have a Weakneſs of the Ventricle, or are troubled with hyſterick fits.

13. *Vinum purgans alind,* Another purging Wine.

℞ *Sena* ℥ ß: *Rhubarb* ℥j: *Cinnamon bruiſed* ℥ß: *Cloves Numb.* v. *or* vj: *Zedoary* ℥ vj: *White wine, q. s. put all into a glaß: which ſtop cloſe: infuſe all in a cold place for 4 daies, till the wine is ſufficiently tinged, then ſtrain and dulcifie it with trebble refin'd Sugar, and keep it for uſe.*

It excellently purges the Body, being given 3 or 4 mornings together faſting: Doſe 2 or 3 ſpoonfuls, with broth after it.

14. *Vi-*

14. *Vinum Claretum excellens*, A delicate Claret.

℞ *Cinnamon* ℥ ij: *Mace* ℥ß: *Dates ston'd* N° xx: *Myrobalans* N° jv: *Seeds of Aniſe, of Fennel, raiſons of the Sun*, A. ℥vj: *Coriander ſeed* ℥ß: *the ſpices and ſeeds let be groſly bruiſed, put them into a glaſs Veſſel, upon which affuſe* Aqua Vitæ, *choiſe Canary, or generous White-wine* ℔ iij: *ſtop the Veſſel cloſe, digeſt in a cold place, for a Week, then ſeparate the clear Wine from the faeces, which filter or ſtrain, and keep it for uſe.*

It comforts and ſtrengthens the ſtomach wonderfully, taking away Crudities and Wind: it eaſes pains of the Cholick, and helps other affects of the Bowels, proceeding from Flatulency or weakneſs: Doſe 2 Spoonfuls, morning and night, according to age and ſtrength.

15. *Vinum Claretum præſtantiſſimum*, A moſt Excellent Claret.

℞ *Canary, Malaga, or the beſt White-wine* ℔ jv *or* v: *Cloves, Nutmegs, Mace*, A. ℥ jß: *Ginger, Cardamoms* A. ℥ß: *Seeds of Aniſe, Coriander, fennel*, A. ℥ ij: *Dictamnus, Roſemary flowers, Bugloſs-flowers, A. P.* ij: (*or their Conſerves*, A. ℥ jß:) *Aromaticum Roſatum Tabulated* ℥ j: *treble refined Sugar* ℔ j: *all being groſly bruiſed and mixed, digeſt them in the Wine in a warm B. M. the Veſſel being cloſe ſtopt for* 3 *daies: then ſtrain ſeveral times through Hippocrates's ſleeve: and keep it for uſe.*

It comforts all the Faculties of the Body, refreſhes the Spirits natural, vital and animal: is good againſt fainting and ſwooning fits, and is univerſally appropriate to all cold affects of the Brain, Heart, and Stomach: It is powerful againſt all Weakneſs and wind lodged in the Ventricle, the Cachexia, Hypocondriack Melancholy, hyſterick Fits, and other the like Affects. It preſerves alſo the Body from the Plague and peſtilential Diſtempers, from worms, and other Diſeaſes proceeding from Putre-

faction. Dose 2 spoonfuls in the morning.

16. *Vinum Chalybeatum Horstij*, steeled Wine of Horstius.

℞ *filings of steel* ℥ jv: *Eryngo roots, roots of Elecampane* A. ℥ j ß: *yellow Sanders* ℥ j: *red Coral, raspings of Ivory*, A. ℥ vj: *Cloves, Mace, Cinnamon, Ginger*, A. ℥ iij: *Ceterach, flowers of Broom, Rosemary, Epithymum*, A. P. ij: *generous white, or rather Rhenish wine* ℔ vj: *Digest all in a gentle B. M. for viij dayes: then strain 3 or 4 times thro Hippocrates his sleeve, at last dulcifie it with so much treble refin'd Sugar as may give it a grateful Taste.*

It is design'd against the Cachexia, and Green sickness in Virgins, and to open all manner of Obstructions in young and old. Dose two spoonfuls at first taking, which afterwards may be encreased as need requires.

17. *Vinum purgans Erasti*, Erastus his purging Wine.

℞ *Leaves of Wormwood, Carduus ben. Centaury the less, Vervain, Betony, Agrimony, Chamæpytis, Spleenwort, Tamarisk, Bark of Caper-roots*, A. M. j. *Cinnamon, Mace, Galangal, Ginger*, A. ℥ j ß: *Citron seeds* ℥ j: *Sena of Alexandria* ℥ ij: *white and gummy Turbeth bruised, white Agrick sliced* A. ℥ ß: *Choise Rhubarb* ℥ j ß: (*in pectoral Diseases add dri'd blew figgs, Raisons of the Sun ana.* ℥ v:) *old Canary or Rhenish Wine* ℔ jx: *put all into a Glass-Vessel, which stop close: digest a week in a gentle* B. M. *then strain off the pure Wine.*

It purges all humors, chiefly the watery, and therefore is profitable against the Cachexia, Dropsy, and Lucophlegmatia; it cleanses the Ventricle and Bowels, and all other passages of the Body: opens Obstructions, and strengthens the Liver and Spleen: Dose a draught either every day or ev'ry other day, as occasion and method of Art requires.

18. *Vinum Absinthiacum laxativum*, Loosning wormwood Wine.

℞

℞ *Choise Sena* ℥ss: *white and gummy Turbith, Mechoacan*, A. ʒ vj: *Pontick Wormwood, Juniper-berries*, A. ʒ j: *our Flower-de-luce root, roots of Esula*, A. ʒij *Seeds of Fennel and Carraways*, A ʒ ij: *Calamus Aromaticus, Ginger, Cinnamon elect, Cloves, Zedoary*, A. ʒj *Flowers of white Liver-wort, of Elder, and of Broom*, A. ʒß: *English Saffron, Epithimum* A. ℈ j: *cut, bruise and infuse in Rhenish Wine* ℥xxxvj: *digest* 10 *daies in a warm* B. M. *then boil a little, and add white Sugar* ℥ jv: *after which strain through Hippocrates his sleeve, and keep the Wine for use.*

In a Cachexia, Dropsie, Obstructions of Liver and Spleen, Feavers, Cholick, Scurvy, Scabiness, &c. it is a most choice specifick: bringing away all superfluous humors from all parts of the body: Dose ℥ iv.

19. *Vinum Stomachicum Mylij*, Mylius his stomach Wine.

℞ *Choise Cinnamon* ℥ ss: *Ginger* ʒ ij: *Cloves, Nutmegs, long Pepper*, A. ℈ j: *White Sugar* ℔ ss: *white or Rhenish wine* ℔ jv: *mix, digest, decant, and keep it for use.* Or thus, ℞ *Cloves, Galangal*, A. ʒ j: *Mace, Nutmegs*, ℈ ij: *Grains of Paradise, Cardamoms, Coriander-seeds*, A. ℈ j: *Choise Cinnamon* ℥ jss: *Ginger* ʒvj: *Aniseeds* ℈ ss: *white Sugar* ℔ ij *Red wine* ℔ vj: *digest, decant, and keep the Wine for use.*

It powerfully strengthens and fortifies the Stomach, and expels wind: Dose ij or jv spoonfuls when occasion requires.

20. *Vinum Moschatum Mynsichti*, Musked Wine.

℞ *Cassia lignea* ʒss: *Cloves* ʒ ij: *Nutmegs, Mace, Citron peels*, A ʒ j: *flower-de-luce-roots, or Florentine Orrice, Galangal the less*, A. ʒ ss. *yellow Sanders, lignum Aloes*, A. ℈ j: *Ambergrise, Musk*, A. ℈ ss: *being all in ponder and mixt, add choise Canary* ℥ xx: *digest* 20 *dayes, decant and filtrate the Liquor, then add the most odoriferous spirit of Damask Roses* ℥ jv:

dulcifie it with treble refined Sugar, and keep it for uſe.

The Author ſurely deſigned this only for Kings, Princes, and great Perſonages: it is a Medicament of wonderful Force in reviving and recreating of the heart and ſpirits, reſiſting fainting and ſwooning fits, palpitation of the heart, and the like; it cures a ſtinking breath to a miracle, and powerfully fortifies and ſtrengthens the Stomach: Doſe 1 or 2 ſpoonfuls in the Morning faſting.

21. *Vinum ſacrum ex Hiera*, The holy Wine made of Hiera Picra.

℞ *ſpecies of Hiera Picra ſimplex* ℥ jv: *Canary, white Wine or choiſe Rheniſh* lbiij*ſs*: *mix, infuſe, digeſt* 20 *daies, then decant off the clear liquor for uſe.*

This is uſed as a univerſal Remedy againſt all Diſeaſes, by many Phyſicians of this Age; and indeed it is a Medicament not to be deſpiſed: it ſtrengthens the ſtomach notably, opens all Obſtructions in what part ſoever, cleanſes the whole humane frame, and the Maſs of Blood of all Impurities: It comforts the Liver and Spleen, and performs its operation by very gentle purgation, if you add to the Compoſition Sena ℥ j; it will be much the better. Doſe ℥ j or ij, or more, according to age and ſtrength in the morning faſting.

CHAP. XIII.

Of VINEGARS.

1. *ACetum Saturni*, Vinegar of Lead.

℞ *ſpirit of Vinegar, boyl it in a glazed earthen Pot, or tin'd Veſſel, put it boiling hot upon Ceruſe, Litharge of Gold*

Gold or Silver, Minium or Calcin'd Lead reduc'd to powder; put this matter into a glazed Veſſel, and put ſo much of the ſpirit of Vinegar upon it, as may cover the Lead about 5 Inches deep, ſtir it a little with a wooden ſpatula (not an Iron one, for that would black it) ſo will the ſpirit (in about an hours time) become ſweet and ſugar'd, and impregnated with the Salts of Saturn.

This Vinegar cools Inflamations and eaſes pains, outwardly apply'd by linnen dipt in one ſpoonful of this Vinegar, mixt with a glaſs of water, which may alſo be uſed in Injections in a recent Gonorrhœa, thereby eaſing the Violence of the Pain: Note, That this Vinegar mixt with any diſtilled water, does not whiten it, or make it look like Milk.

2. *Aceti Scordii*; Vinegar of Scordium.

℞ *of the beſt Vinegar* ℔iij *leaves and flowers of Scordium dried and freed from the Stalks* ℥ iij: *the yellow of Limon Peels* ℥ ij: *deſtil according to Art: in the diſtilled Liquor infuſe of the dryed peels* ℥ j, *for one day; then ſtrain ſeveral times till it is clear, and keep it for uſe in a glaſs cloſe ſtopt.*

It is powerful againſt the Scurvy, and Diſeaſes proceeding from Obſtruction. It alſo helps the weakneſs of the Stomach, ſtops Vomiting, and takes away heart-burnings.

3. *Acetum contra peſtem*, Vinegar againſt the Plague.

℞ *Wormwood M.* ij: *Sage, Rue, A. M.* iij: *bruiſe them in a marble Mortar, then add Vinegar of Rue* ℔j: *let them ſtand one night in Infuſion, in the morning let them be ſtrained by preſſing: to the clear Liquor add choiſe Turbeth* ℥j *let them ſtand again one night in a Veſſel cloſe ſtopt: in the morning ſtrain again, and keep it for uſe.*

It is only taken as a Preſervative againſt the Plague, and Peſtilential Venom, being powerful againſt all contagious Diſeaſes. Doſe j: ſpoonful.

4. *Acetum Theriacale*

Mynſichti, Treacle Vinegar of Mynſicht.

℞ *Venice Treacle* ℥j: *Elks horns ſpagyrically calcined, Juniper berries, ſeeds of Carduus ben.* A. ℥ ſs. *Vervain, Scordium, Rue,* A. ℥ij: *red Myrrh, Citron peels,* A. ℥iſs: *roots of Tormentil, of Angelica, Zedoary, Butter-bur,* A. ℥j. *Camphir, Lignum loes, Mace,* A. ℥ſs. *Marigold Vinegar,* q. s. *mix till they are well tinged; afterward ſeparate the tinged Vinegar, & keep it in a glaſs cloſe ſtopt for uſe.*

It is the ſame with other Treacle Vinegars, and Inferior to none of them. See our *Pharm. l.* 4. *cap.* 12. *ſect.* 7.

3. *Acetum Zedoarticum Mynſichti*; Zedoartick Vinegar.

℞ *roots of Zedoary* ℥j: *of Angelica, of Tormentil, of Scorzonera,* A. ℥ ſs: *Bayberries hulled, Juniper berrys,* A. ℥ iij: *Lavender, red Roſes,* A. ℥j: *red Myrrh, Wood of Aloes, Mace, A.* ℥jſs: *Cloves, Nutmegs,* A. ℥j: *mix and digeſt in Elder Wine Vinegar, till it is perfectly tinged, then ſtrain and keep it for uſe.*

It reſiſts the Plague, Peſtilential Diſeaſes, and all ſorts of Poyſon.

6. *Acetum Myrrhatum Mynſichti*: Vinegar with Myrrh.

℞ *red Myrrh* ℥j: *Gentian* ℥ß: *Carduus ben. Rue, Wormwood, Scabious, Pauls Bittony, Scordium, A.* ℥ij: *choice Engliſh ſaffron, Caſſia lignea, Caſtoreum, A.* ℥j: *macerate all in Wine Vinegar of cloves,* q. s. *for* viij *daies, then filterate, and keep the clear Vinegar for uſe.*

It powerfully prevails againſt the Plague, and all other Epidemical and contagious Diſeaſes: you may bath the Temples and Pulſes therewith, ſmell to it; and take it inwardly, as you do other Antidotes.

7. *Acetum Rhizoticum Mynſichti*; Rhizotick Vinegar of Mynſicht.

℞ *Roots of Tormentil, Virginian Snake-root, Burnet, Angelica, Valerian Maſterwort, Devils-bit, Dittany of Crete,*

Crete, Elecampane, Swallow-wort, Zedoary, Butter-bur Aa ℥ß. *infuſe them in a ſufficient quantity of Sage Vinegar: after a due digeſtion, filterate, and keep it for uſe.*

It has a mighty power againſt peſtilential Poyſon, and all Corruption thence proceeding: and of the ſame Virtue and Power are the two former immediately aforegoing: Theſe three kinds of Vinegar, have indeed manifold Virtues: you may bath the Noſe and Pulſes therewith: you may ſmell to them, a ſponge being dipt therein: they are uſed both for preſervation and Cure: for cure, they may be taken inwardly ad j or ij ſpoonfuls, in which doſe (according to age and ſtrength) they will provoke ſweat: for Preſervation half a ſpoonful may ſuffice: its name comes from its compoſition of Roots.

8. *Acetum Lenitivum Prævotij*, Lenitive Vinegar of Prævotius.

℞ *Cream of Tartar* ℥ß: *Sena* ℥ iij: *Cinnamon* ℥j: *of the beſt Wine Vinegar* ℔j: *infuſe for 24 hours, then ſtrain and keep it for uſe.*

This Vinegar may be uſed in Sauces, for ſo taken it moves the Belly: moreover things pickled herewith becomes looſening.

9. *Acetum vomitorum Mynſichti*, Vomiting Vinegar.

℞ *Bark of the Roots of Thapſia,* ℥ jv: *Roots of freſh Aſarum dryed,* ℥ ii: *Carthamus ſeeds hull'd* ℥ i: *ſharp Cinnamon* ℥ß: *mix, bruiſe, and infuſe in the ſharpeſt Wine-vinegar* ℔ iij: *digeſt in a Glaſs well ſtopt, for a month, ſtirring it often: then put it into an ordinary ſtill: to which fix a leaden head, diſtil in aſhes with a gentle fire, to dryneſs, ſo have you diſtilled Vinegar, impregnated with the Lead, and very ſweet: all of which (not caſting away the Phlegm) you may keep for uſe.*

It is a ſweet and gentle Vomit, purging all humors whether hot or cold without pain. It is given in Quotidians and Tertians both true and baſtard: It takes away weak-

weakneſs of the Stomach and loathing, ariſing from ſuperfluous & ſharp humors. Doſe ab ʒj ad iij: *plus minuve,* To delicate perſons and Ladies, you may give it mixt with Syrup of Vinegar.

CAP. XIV.

Of DECOCTIONS.

1. *Decoctum Veneris, Schroderi,* Decoction of Copper.

℞ *Saſſafras* ʒj: *Woods of Miſſleto of the Oak, of Maſtick tree, A.* ʒvj: *Bettony* Mj: *prepare them and boil them in Rain water* ℔vj *a quarter of an hour: then add filings of Crude Copper* ʒj, *tyed up in a Clout, let them boil an hour and half, or till a pint and half is conſumed, then ſtrain it.*

If you add Sarſaparilla ʒjſs Guajacum ʒi: Nutmegs ʒſs and accordingly increaſe the proportion of Water; the Medicament will be certainly ſo much the better. It cures Catarrhs and Scabs, caſts out filth by inſenſible Tranſpiration, and purifies the whole Body: take a draught in the Morning hot.

2. *Decoctum Laxativum Schroderi,* A laxative Decoction.

℞ *Sarſaparilla* ʒj: *Althaea, Borrage, A.* ʒſs: *Liquorice* ʒ jſs: *Aqua Vitæ* ℔jv: *digeſt 24 hours, then add Polypody, Sena, Currans A.* ʒſs: *Tamarinds* ʒ vj: *Epithymum* ʒiij: *Mechoacan, Carthamus ſeed bruiſed, A.* ʒij: *Agarick* ʒj ſs: *Aniſe, Fennel, A.* ʒſs. *Cloves, Ginger A.* ℈j: *flowers of Borrage, Bugloſs, Violets, A. P.* j. *Dates* N° jv: *boil a little, then ſtrain for a drink.*

It purges gently, and obtunds

tunds sharp humors: and is indeed excellent in the Cholick, and other Griping of the Guts: for as much as it is of a very healing Quality, as well as of a purging: you may give ad ʒ jv, in the morning, and, if you please, as much in the afternoon.

3. *Decoctum sanctum*, Decoction against the Pox.

℞ *Lignum sanctum, Sarsaparilla*, A. ʒ vj: *Bark of Guajacum, sassafras*, A. ʒ ji: *Juniper berries, Liquorice, Anniseeds, Raisons stoned, China*, A. ʒ v: *boil all in Rain water* ℔ x: *in a close Vessel, to the Consumption of a third part, then being cold strain it for use.*

It is not only good against the French Pox, but also to dry up old Ulcers, which are hard to cure, defluxions of Rheum, and to strengthen a weak Constitution, and to dry up moisture in the Body. Dose ʒ vj, morning, noon, and night, an hour before meat.

4. *Decoctum Traumaticum nostrum*, Our Diet for wounded people.

℞ *Prunella* M ij: *Angelica, sanicle, Betony, Rosmary, Sage, red Beets, Scordium, Agrimony, Soap-wort, Plantane, Comfrey, Hypericon, Cinquefoil, Mint, Avens, Daisy-Leaves, young Oak-leaves*, A. M. j. *Guajacum, Sassafras, Sarsaparilla, China, Aniseeds*, A. ʒ j ss: *Ale* ℔ xxx: *rasp the Woods and Roots, bruise the herbs, and boil all together to the wasting of three quarts or a Galon: strain it, and when almost cold put Yest to it in a Runlet, and after 4 dayes drink constantly of it.*

It takes away all manner of Pain and soreness of Wounds, drives and casts out all filth, Splinters, and Pieces of Bones, and then heals in few daies, though the wound be dangerous. It cures all Fistula's, inward and outward Sores, stanches inward bleeding, and cures the Kings-Evil to admiration. In drinking of it, it will be good to add to every pint thereof rectified S. V. ʒ j: Salts of Crabs and of Egg-shells, A. gr. viij.

5. De-

5. *Decoctum Traumaticum Maxij*, Maxy his wound drink.

℞ *Cloves bruised* N°. xij *Nutmegs grated* N°. iij. *Mace* ʒ ij. *Pimpernel, Agrimony, Sanicle, Prunella, Valerian, red Colewort, Mouse ear, Wild Tanſie, Doves-foot, ſtrawberry leaves, Plantane, red Madder, ſharp-pointed dock roots, A. M.* j: *ſpring-water* ℔ vj: *bruiſe, boil and ſtrain hard out: let it ſettle, and to the clear liquor add white-wine* ℔ iij: *Honey* ʒ jx: *boyl a Walm or two, ſcum it, and when cold bottle it up.*

This drink is of incredible efficacy againſt all manner of Fiſtula's, alſo Biſtula's *in ano*: for it clears the Body of all Corruptions, and diſpoſes of all manner of Sores and Ulcers to a ſpeedy healing: as alſo Conſolidates broken Bones: being taken for 14 dayes together. I had this of the good old man *Abraham Maxy* a Scotch man, a man learned and of excellent parts, and indeed a great Chymiſt, from whom I received at times, very many admirable things: He told me, That he had proved this in above 40 ſeveral Experiments.

6. *Decoctum Diureticum Riverii*, The Diuretick broth.

℞ *red Peaſe* ʒ vj: *barly* ʒ jv, *roots of Althæa, Quitch-graſs, Reſt-harrow* A. ʒ ß: *Raiſons* ʒ i: *the four greater cold ſeeds*, A. ʒ i: *Liquorice* ʒ ij: *Winter Cherries* N°. *xx. Waters of Winter-Cherries, Reſt Harrow, Strawberries, Bean flowers, A.* ℔ ßß *boil: and to the ſtraining add* ʒ jv *of Syrup of Althæa.*

It is a good thing againſt the Stone, and is uſed with a preparation for the Stone in the Bladder, which we have mentioned in *Our Synopſis Medicinæ, lib.* 3. *cap.* 31. *ſect.* 15. § 4.

7. *Decoctum Stypticum Glandorpi*, Glandorps Styptick water.

℞ *of the beſt Opium* ʒ vj: *Diſſolve it in the beſt Vinegar;*

gar of Roſes ℥ viij: *to which add white Vitriol* ℥ iij: *Roch Alum* ℥ ij: *boil them a little till the Vitriol and Alum are diſſolv'd, which ſtrain and keep for uſe.*

It is an approved thing to ſtop bleeding. The way of uſing it is thus: Dip pledgets in it, upon which ſtrew Pouder of burnt Alum, and apply them to the place where the Blood flows out: It is a thing beyond Imagination. But *Glandorp* ſaith, That with burnt Alum alone, and Ligature, he has cured the greateſt hœmorragies: which is a thing (for its eaſineſs ſake) not to be ſlighted and deſpiſed.

8. *Decoctum de ſtercore muris*, Broth of Mouſe-dung.

℞ *Cowes Milk* ℔ j: *Mouſe-dung* ℥ j; *boil them together to the diſſolution of the Grains; then ſweeten it a little with a little Sugar.*

It prevails wonderfully in the killing all ſorts of Worms, chiefly thoſe called *Aſcarides* which are little ſlender ſhort Worms) breeding at in the Guts, eſpecially near the Arſe-Gut. It has performed the Cure, when all other things have failed: and brought them away in ſuch large Quantities and Numbers, even to the Amaſement of the By-ſtanders. The general way of uſing this Broth is, exhibiting it Clyſterwiſe, and to be repeated every day, and ſo often till the Worms ceaſe to come forth: commonly 3, 4, or 5 times performs the Cure. Eſteem it as a great Secret. For *Maw Worms* you may give it by the Mouth *a* ℥ iij *ad* ℥ x. or to ℥ iſs: or you may give the pouder of the dung *a* gr. iij *ad* vij. in Milk or other fit Vehicle.

9. *Decoctum Vulnerarium univerſale*: The univerſal vulnerary Decoction, from *Horſtius.*

℞ *Tormentil, both ſorts of Comfry*, A. ℥ j: *both ſorts of Sea-Lavender, Sanicle, Winter-green, Vervain, Ladies-Mantle, Perſicary.* A. M. j: *Herb-Robert, Periwinkle*, A. M. ß. *flowers of Female Mullein, of Hypericon, of Centory*

ry the leſs, A. P. ij: *River Crabs, cleanſed and dryed, N°.* vj: *Mummy* ℥ ß: *White wine, water of Paul's Betony A.* ℔ij: *macerate all together, for two daies in a Circulatory Veſſel, in the heat of a vaporous Bath, then boil, preß the Liquor out hard, which afterwards ſtrain thro' Hippocrates his ſleeve, aromatize it with a little Cinnamon or Coriander ſeed.*

The Title ſhews the Virtues for which it is an excellent thing: Doſe a quarter of a Pint morning and night.

10. *Decoctum Vulnerarium magiſtrale*, A Magiſtral wound drink.

℞ *Crabs-Eyes* ℥ ß: *Mummy* ℥ ij: *fine Bole* ℥ j ß: *leaves of Agrimony, Adders Tongue, Veronica, Sow bread, A. M.* j. *Sperma Cœti* ℥ j: *White wine*, q. s. *digeſt all three dayes, boil, preß out, ſtrain and clarify.*

The Doſe is jv. or v. ſpoonfuls morning and night: it may alſo be taken an hour before Dinner: 'tis a thing of admirable Uſe: if you add to the former things *Roots of Angelica, Galangal, and Zedory, A.* ℥ ß. It will be powerful againſt wounds made with poiſonous weapons or ſhot.

11. *Decoctum ad Rhenum & Veſicæ Ulcera.* A Drink for Ulcers of the Reins and Bladder.

℞ *Roots of Comfry, of Solomons ſeal,* A. ℥ j: *leaves of Knot-graß, Ladie's Mantle, Plantain, A. M.* j. *Crocus Martis Aſtringens,* ℥ j: *Hydromel, Tincture of red Roſes,* A. q. s. *digeſt* 3 or 4 *dayes over a gentle heat, boil, preß out, ſtrain, and clarifie it for Uſe.*

Doſe of this Decoction is 4 or 5 ſpoonfuls, morning, noon and night.

12. *Decoctum Galli veteris*, Broth of an old Cock.

℞ *Polypody of the Oak, Carthamus ſeeds, A.* ℥ j ß. *Thym, Epithimum, A.* P. j: *Seeds of Cummin, of Aniſe, of Dill, of Fennel, of Carawayes, of Cardus ben. A.* ℥ ij: *Sena* ℥ j: *Gummy Turbith* ℥ ß: *Cinnamon* ℥ j ß: *Cryſtals of Tartar* ℥ ij: *Sal Gem* ℥ ß

℥ ß: *bruiſe, and mix all well together, which put into the belly of an old Cock: boil all together in Water,* p. iij: *white wine,* p. ij: *ſo long till the fleſh ſeparate from the bones, then ſtrain it out.*

It opens all Obſtructions of the Liver, Splen and Meſentery, gives Eaſe in pains of the Cholick and Stone; and is profitable in Quartanes, and other like Chronick affects: Doſe *ab* ℥ iiij *ad* vj or viij: every morning for ſeveral dayes.

13. *Decoctum Antictericum Mynſichti*, Mynſicht's broth againſt the Jaundice.

℞ *Southernwood* ℥ ſs: *Gooſe-dung gathered in the ſpring* ℥ iij: *Roots of Celandine, Turmerick, Rhubarb, Zedoary,* A. ℥ j ſs: *Nutmegs, Bay-berries hull'd,* A. ℥ j: *Seeds of Cummin and Annis,* A. ℥ ſs: *Oriental Saffron, white Lillies* A. ℥ ſs: *generous White wine* ℔ iv: *boil to a third part, then ſtrain.*

This Decoction being drunk warm in the morning faſting for ſix dayes, cures the yellow Jaundice: Doſe ab ℥ vj ad xij: for poor People, you may uſe inſtead of the Wine, pure ſtrong Beer.

CHAP. XV.

of INFUSIONS.

1. *INfuſum Catholicum noſtrum*, Our univerſal Infuſion.

℞ *Quicklime* ℔ vj, viij, *or* viij: *Spring-Water* ℔ xxjv: *mix them, and digeſt two days, ſtirring them twice or thrice a day; then being well ſetled pour off the clear water, and ſtrain it through an Hippocras bag: in this water infuſe Guajacum, lignum Nephriticum, Sarſaparilla, Saſſafras,* A. ℥ v: *Cloves, Anniſeeds, yellow Sanders*

(all

(*all in groſs Pouder and tyed up in a rag*) A. ℥ vj: *Let the Infuſion be for* 20 *days, then filtrate and keep it for uſe.*

It is good againſt all old Ulcers, Kings Evil, Catarrhs, Rickets and Wind. It ſtrengthens and Warms the Stomach, and helps the Stone and pain in the Reins and Bladder. It is (being dulcified with treble refin'd Sugar) a good Vehicle to convey moſt other Medicines in. It dryes much, and may be given ad ℥ jv at a time, morning, noon and night.

2. *Infuſum purgans noſtrum*, Our purging Infuſion.

℞ *Spring-water or new Ale* ℥ jv: *Agrick* ℥ j ſs: *Sena, Rhubarb* A. ℥ j: *Cloves Ginger, Spicknard, Salt of Tartar*, A. *gr.* viij: *Infuſe all cloſe covered over a gentle heat for one night, then ſtrain it for a Doſe.*

It purges Choler and Flegm excellently, and is good againſt many Diſeaſes of the Stomach: It is alſo found by Experience to be good againſt all ſorts of Agues, chiefly the Quotidian: give it in the morning faſting.

3. *Infuſum Roſarum Rubrarum*, Infuſion of Red Roſes.

℞ *Running Water* ℔ jv: *ſpirit of Sulphur three ſpoonfulls: mix them well by ſhaking: Red Roſes dryed* ℥ jv: *put all into an earthen glaz'd, or rather into a ſtone Pan, ſtir all together with a ſpatula: ſet them upon a Furnace with a naked fire, letting the Veſſel ſtand till the water begins to boil: then take off the Veſſel, cover it, and when all is cold, ſtrain it through a cloth, or rather filter it thro' a brown Paper: ſo will you have an Infuſion glorioufly red, which will keep* 4 *or* 5 *month without Corrupting.*

It is an exceeding pleaſant cooling Cordial; it ſtrengthens the Stomach, Liver, Spleen, Reins and Nerves, and repreſſes the heat of Fevers.

4. *Infuſum Hyppocraticum*, Auguſt. Diſp. An Hyppocris-

pocris-like Infusion.

℞ *Cinnamon, Ginger, A.* ʒ ſs: *Gloves* ʒ ſs: *Cardamoms, Grains of Paradise, Made A.* ʒ j: *Galangal* ʒ j ſs: *Wine* ℔ x: *white Sugar* ℔ j ſs. *infuse* 10 *days, then decant the clear.*

It ſtrengthens the brain and ſtomach, revives the ſpirits; fortifies the vital Powers, repairs loſt ſtrength, and helps a weak Digeſtion. Doſe ʒ jv.

5. *Infuſum Hippocraticum jucundior*, Aug. A more pleaſant Hippocris.

℞ *Choiſe Cinnamon* ʒ ij: *Ginger, Galangal, A.* ʒ j: *Nutmegs* ℈ j: *Treble refin'd Sugar* ʒ xvj: *choice white wine* ℔ v: *digeſt cloſe ſtopt for* 10 *hours, then ſtrain out, and repeat the ſtraining till it is clear: In the ſame liquor you may put all the ſame freſh ingredients tyed up in a Rag.*

It has the Virtues of the former, but is much more powerful: it revives all the Spirits natural, vital and animal, reſtores a conſumed body, and is excellent in drying up Catarrhs: Doſe ʒ ij in the morning faſting, or when any fainting or illneſs overtakes the ſick.

6. *Infuſum Stomachicum*, A ſtomatick Infuſion.

℞ *Cinnamon, Cloves, long Pepper, Cardamoms, A.* ʒ j: *Ginger* ʒ ß, *white Sugar* ℔ j: *Running water* ℔ iij: *whitewine or Canary* ℔ ij: *Infuſe all over a gentle heat for three dayes, ſhaking the Veſſel every day; then ſtrain out: to the ſtrained Liquor add juyce of Limons* ʒ viij: *ſhake them well together, digeſt three other days, then ſtrain through Hippocrates his ſleeve, and keep the Liquor for uſe.*

It admirably comforts a weak Stomach, helps Digeſtion, ſtops Vomiting and cauſes a good Appetite to Food: doſe ſo much as may make a Glaſs of Canary, or other Liquor, ſo ſtrong as to be well endured.

7. *Infuſum in fracto Oſſe*, An Infuſion for broken Bones.

℞ *Birthwort, Sow-bread,*

radix Serpentaria, Comfrey both sorts, Doves-foot, A. M. j. Sanicle, M. ß: Mace, Zedoary, Crabs-Eyes, A. ℥ß: Mummy, Galangal the leß, A. ℥ j ß: let all the herbs be bruised, and cut small, the other reduc'd into a groß powder, then put into a double Vessel for 2 or 3 dayes with a mild Lime-water ℔ viij: then strain out, and keep it for use.

It is admirable in healing all sorts of Wounds, chiefly those where there are broken bones. The sick may take ℥jv or vj morning and night.

8. *Infusum ad Ictterum*, An Infusion against the Jaundice.

℞ *Celandine, the whole plant, M. j: leaves and flowers of Hypericon, A. M. j: Turmerick ℥ j: Powder of Goose-dung ℥ ß: Saffron ℥ß. the Goose-dung and Saffron tye up in a rag: whitewine, harts-tongue water, A. q. s. infuse all over a gentle heat for 2 daies: shaking the Vessel 2 or 3 times a day: being setled strain off: then after a second setling, strain again, that it may be very clear: Afterwards you may dulcify with white Sugar.*

This will serve for three doses to be taken for three mornings together, fasting: it is said perfectly to cure.

CHAP. XVI.

Of SYRUPS.

1. *Syrupus Acetosus, Oxysaccharum*, Syrup of Vinegar.

℞ *Spirit of White-wine Vinegar, juyce of Limons, A. ℔ iij: white sugar ℔ viij: in the heat of a Bath make it into a Syrup*, S. A.

It opens obstructions, a-

bates

bates inflamations, quenches thirst and the heat of Feavers, cools the Liver and Bowels, stops Vomiting, prepares the Body for purging and cuts tough humors: dose ab ℥j ad ij.

2. *Syrupus Cardiacus*, the Cordial Syrup.

℞ *Juyce of Alkermes, Gelly of Vipers flesh*, A. ℥xxx: *Juyce of Pearmains* ℥ xx; *white Sugar* ℔ vj; *mix and with a gentle heat make a Syrup.*

It restores the Body in a Consumption, comforts all the principal Members: takes away Faintings and Tremblings of the Heart, strengthens the Stomach and Bowels, and stops Vomiting. Dose ab ℥ j ad iij.

3. *Syrupus Hæmoptoicus*, seu *diacodium Liquidum*, Syrup of Poppies.

℞ *Heads and Seeds of white and black Poppies*, A. N° vij. *Juyce of Spanish Liquorice* ℥ß: *bruise the heads, and steep them in Rain water for 24 hours: after dissolve in it the Spanish juyce: then boil gently to* ℔ *vj: strain it and with white Sugar* ℔xij *make a Syrup.*

It gives ease in Pains, and causes rest and sleep, it stops Vomiting, helps the Cholick and Loosness, stops all manner of fluxes or fluxes of humors; Coughs, Phthisick, Asthma, spitting Blood: and the Gout: it is also an excellent thing in pains of the stone. Dose ad ℥ vj or ℥ j.

4. *Syrupus Succorum*, Syrup of Juyces.

℞ *Juyce of Damask Roses, Pellitory of the Wall, Rhenish Wine* A. ℔vj: *To the purified juyces add white Sugar, or rather clarified honey* ℔xxx, *boil it gently, and make a Syrup* S. A.

It opens, cuts, and attenuates; cures the Dropsy and Cachexy, provokes Urine, expels Wind, cleanses the Stomach, Lungs and Intestines of filth, amends all the Evils of the Liver and Spleen, and cools the heat of Feavers: In the cure of the Dropsy, chiefly an Anasarca, it is a Specifick. If the Juyce of Harts-tongue ℔ vj, and its

proportion of Honey be also added, it perfectly cures the Rickets. It may be given in all Diseases, Ages, Sexes, and Times. Let it be taken either alone, or in any convenient Infusion or water, ab ʒj ad ij, in the morning fasting, before dinner, and at night going to bed.

5. *Syrupus de Manna laxativus*, Syrup of Manna laxative.

℞ *Polypody of the Oak* ʒvj, *Roots of flower de luce* ʒß: *Sena* ʒj ß: *Cinnamon* ʒ ß: *flowers of Borrage, Bugloß, Violets,* A. ʒj: *blew Currans* ʒiij; *Mead* ℔iij: *infuse all in a gentle heat for* iij *daies and nights, then strain; and dissolve therein Manna* ʒ vj; *White sugar Candy* ʒ j ß.

It is excellent to purge Children of Choler, Flegm and Melancholy. Dose *ab* ʒj *ad* ij. or iij according to Age and strength.

6. *Syrupus scorbuticus Foresti*, Syrup against the Scurvy.

℞ *Juyces of Scurvy-graß and Brooklime depurated*, A. ℔ iij: *and with fine sugar* ℔x: *make a syrup according to Art.*

If you add an equal quantity of juyces of Water-cresses and Parietary (increasing the Sugar proportionally) it will be much more efficacious. It is a specifick for the Cure of the Scurvy in a cold and moist Constitution, the Cachexy, Dropsy and Jaundice; and for removing all inward Obstructions, taking about two spoonfuls at a time every morning and evening.

7. *Syrupus Antiasthmaticus*, Syrup against an Asthma.

℞ *Spanish Juyce of Liquorice* ʒij; *dissolve it in a pint of Spanish Wine: Clarified juices of Hyssop, Fennel, Parsly, Angelica, Bawm, Elecampane-roots, Sage,* A. ʒ viij *mix them and with fine Sugar* ℔ viij, *boyl and make a Syrup according to Art. When it is boiled, put to it the Queen of Hungaries Water* ℔ j ß: *mix, and in a large Glass keep it for use.*

This

This is an Admirable thing againſt Aſtma's, Coughs, Colds, Wheſings, Ulcers of the Lungs, pains and ſoreneſs of the Breaſt and Stomach; Violent and almoſt incurable Catarrhs, which fall from the head upon any part or parts. It comforts and ſtrengthens the Brain, confirms the Memory, is good againſt all ſleepy diſeaſes, Cramps, Palſies, Apoplexies, and other cold and moiſt Diſtempers of thoſe parts. I once by the only uſe of this Syrup cured a man of a deep Conſumption: Doſe one ſpoonful at a time 5, 6 or 7 times a day. It cures gripings of the Guts, and powerfully expels wind. You muſt keep it in a glaſs cloſe ſtopt; but the Glaſs muſt be ſo big, as that it may not be above half full when the Syrup is in it, leſt it ſhould break. The continual uſe hereof clears and ſtrengthens the Ey-ſight.

8. *Syrupus Antimonii Emeticus*; Vomiting Syrup of Antimony.

℞ *Glaſs of Antimony prepared (without addition, and corrected with Niter)* ℥iij. *pure juyce of Quinces* ℔ vj. *the Vitrum being in impalpable ponder, digeſt it with the juyce 24 hours in a Glaſs Matraſs in a gentle ſand heat: filtrate the Liquor, and with fine Sugar* ℔iij, *boil it in a prety hot ſand heat to the conſiſtency of a Syrup: when cold Aromatize it with Oyl of Cinnamon gut. xij. well mixed with an ounce of fine poudred Sugar, and keep it in a glaſs cloſe ſtopt for uſe.*

This Differs from that of *Angelus Sala*, but only in the Juyce of Quinces. See it in our *Phar. lib. 3. cap. 8. ſect* 8. This Syrup is pleaſing and operates in a ſmall Doſe, much beyond Emetick wine, or any other like Antimonial Liquors. It emptys the Stomach of all evil humors by vomiting, and ſometimes by ſtool after the Vomiting is over; thereby clearing the Bowels and other parts of Excrements and evil humors. Some perſons by taking this Syrup never Vomit, but it works altogether downwards with them. There is no preparation emetick of Antimo-

ny works more gently, or with leſs Trouble. It may be given to all ages, and ſexes, to old men and ſucking children, in all diſeaſes cauſed by repletion of evil Juyces in the Ventricle. Doſe ℥ij ad ℥j ℥ jſs in very ſtrong Bodies: you may give it either alone, or in Wine, Broth or other fit Vehicle.

9. *Hydromel*, Honied Water.

℞ *of the beſt Hony* ℔ jv: *Rain water* ℔ xvj: *boyl them till the third part of the moiſture is conſumed, or till an egg being caſt in will not ſink but ſwim at top: Let it ſettle pour the clear into a ſmall Cask put it into the Sun or ſome hot place for* 40 *days, or till the Fermentation is over; then fill up what the Cask wants of being full, with other Hydromel; ſtop it up cloſe, and ſet it in a cool Cellar, ſo will it have a taſte like Malmſey; and yield by diſtillation, a burning inflamable ſpirit, like to Spirit of Wine.*

It ſtrengthens and comforts the noble parts, revives the Spirits, fortifies the heart, makes chearful and merry, and is excellent good in Conſumptions. You may Aromatize it with what ſpices you pleaſe, and herewith you may make a kind of Hippocraſs, not much inferiour to that made of Wine.

10. *Syrupus Sacchari nobilis Deodati*, Deodate's Syrup of Sugar.

℞ *Generous Wine* ℔ iij, *White ſugar* ℔ j ſs: *make a Syrup by boiling a little: towards the end add oyl of Cinnamon* ℈ j: *Muſk and Ambergriſe A. gr. vj.*

It is a good thing in old and cold Conſtitutions; it comforts the Stomach, and helps ſuch as are of weak natures, it preſerves the radical humidity and native color and heat: it nouriſhes much, generates blood, revives the Spirits, and ſtrengthens all the principal parts.

11. *Syrupus de Scolopendrio Melichij*; Syrup of Harts-Tongue of Melichius.

℞ *Harts Tongue, Spleenwort, Endive, Liverwort, Wormwood,*

wood, Cichory, A. M. ſs. *the* 4 *greater hot ſeeds, flowers of Borrage and Bugloſs*, ana M. j. *Maiden hair, roots of Fennel, of Parſly, of Butchers-Broom*, ana Mſs. *fair water* q. s. *boyl diligently, and with Sugar* ℔iij. *make a Syrup: in the time of boyling you may aromatize it with Cinnamon and Spicknard*, ana ʒ ſs.

This Syrup is ſeldom uſed but it is ſaid to be the moſt profitable againſt the yellow Jaundice, obſtructions of the Liver and Spleen, Rickets in Children, &c. you may give *ab* ʒj. *ad* ii ſs. in the morning faſting.

12. *Syrupus de Pyrethro Mynſichti*, Syrup of Pellitory of *Spain*, Mynſ.

℞ *Choice Agarick* ʒi ſs. *Roots of Pyrethrum* ʒj. *Peony male, Acorus, Burnet*, ana ʒſs. *ſeeds of Fennel and Peony, Juniper berries*, ana ʒiij. *leaves of Motherwort, Agrimony, Hyſſop, Primroſe, Marjoram, Horſe-mint, Nep or Catmint A.* ʒij. *flowers of Lilly Convally, of Female Mullein, of Bugloſs, of Roſemary*, ana ʒi ſs. *acute Cinnamon, Nutmegs, Cubebs*, ana ʒj. *cut, bruiſe and infuſe in waters of Sage and Roſemary*, ana ℔iij. *let them ſtand for one night in Infuſion; after boyl to the conſumption of a third part: ſtrain and preſs out: to the clear ſtraining, add half its weight of pure white Sugar, which diſſolve in the heat of a Bath.*

It is of great uſe in affects of the Nerves, as Palſies, Spaſms, Epilepſies, Sciatica's, *&c.* It potently reſolves the peccant matter, and eaſes pain. Doſe *ab* ʒſs. ad ʒj. *per ſe*, or in ſome convenient Vehicle.

13. *Syrupus Narcoticus Gregorij Horſtij*, The Narcotick Syrup of Gregory Horſtius.

℞ *Syrup of Erratick Poppies* ʒj. *Laudanum, Opiatum gr.* iij. *Lettice water half an Ounce, mix them.*

This is commonly uſed in ſtrong pains of the Head, and for this purpoſe it was often uſed by the Author thereof, being powerful for that intention.

14. *Syrupus de Mentha Fabri*, Faber his Syrup of Mint.

℞. *Mint fresh gathered, bruise and beat it well in a marble Mortar, with so much Cinnamon water as may serve to Extract all its juyce by expression. This expressed juyce in a sufficient quantity depurate in a warm Balneo, and rejecting all the Faces, the pure juyce is to be boyled into a perfect Syrup; to every pound of which you may add, Oyl of Cinnamon, Arcanum of Mans Blood, of each one Dram, but if these be wanting, take the inflamable Spirit of Mint, made of its fermented juyce and perfectly rectifyed from all its flegm four Ounces, which adding to the aforesaid perfect Syrup, thou hast the simple Syrup of Mint of great and admirable Virtues.*

It comforts and strengthens a cold Stomach, helps digestion, excites and multiplies the natural heat thereof, by its balsamick property: it cleanses and purifies the Blood, strengthens the Liver, and removes all its vices; it is powerful against Vomiting, and the continual and frequent use thereof, retards old Age, for it corrects and amends the faults of all the Concoctions. Dose from half an Ounce to an Ounce.

15. *Syrupus ad Manium Bayeri*, Syrup against Madness.

℞ *Juyces of Borrage and Buglos, A.* ℔ij. *juyce of Pipins* ℔iij. *leaves of Sena elect* ℥iiij. *Saffron* ℥ij. *white sugar* ℔iij. *infuse the Sena in the juyces for twenty four hours, in a gentle* Balneo, *then afterwards boyl and strain, and with the Sugar make a Syrup.*

The Title shews the intention, for which it is said to be an approved thing, and *Bayerus* approved it by long use: it is also said to be as powerful against Melancholy of all sorts, as almost any other Medicine whatsoever. Dose from two Ounces to three, in Buglos or Fumitory water.

16. *Syrupus Hydragogus Myn-*

Mynſichti, Mynſichts Syrup purging watery humors.

℞ *the clarified juyce of blew Flower-de-luce Roots* ℥xv. *Cinnamon water* ℥iij. *Gutta Gamba* ℥j. *digeſt all in a glaſs Veſſel well cloſed for twenty four hours; then ſtrain and mix therewith white Sugar* ℥xvj. *adding ſpecies Diarrhodon abatis, Rhubarb, A.* ℥ſs. *Lyed ſanders, Alkanet roots, e.a.* ℥j. (*all mixt together and tyed up in a Nodule*) *boyl to the perfection of a Syrup, you may Aromatize it with Cloves, Cinnamon, Mace, A.* ℥j. *Gallia Moſchata* ℥j. *all mixt into a Body.*

Mynſicht ſaith, it is prevalent againſt the Cacheria, and the Dropſy, of what ſpecies or kind ſoever, in which Diſeaſes he calls it a glorious Cathartick and a Divine help. Doſe from half an Ounce to two Ounces, twice or thrice a week.

17. *Syrupus Antihecticus Mellichij*, Melichius his Syrup againſt Hecticks.

℞ *fleſh of Tortoiſes, which keep in Woods* N°. ij. *or* iij. *waſh it well with boyling water, then boyl it exactly, after beat it to an exact pulp in a marble Mortar: put this Pulp into a glaſs Veſſel, adding thereto juyce of Liquorice, Gum Arabick, Tragacanth, ſeeds of white Poppies, of Lettice, of Purſlane, of Mallows, the four greater cold ſeeds, e.a.* ℥ſs. *ſeeds of Quinces and Cotton, A.* ℥vj. *Paſſularum purgatorum, Barberries, A.* ℥ſs. *Sebeſtens, Prodium, A.* ℥iij. *Roſes, Violets, Barly hull'd, Maiden-hair, Borrage, Bugloſs, A. M.j. all being bruiſed and mixed with the Pulp, add ſpring Water* ℔ix. *or* xij. *digeſt, cloſe ſtopt for twenty four hours, then boyl to the conſumption of a third part in a double Veſſel: ſtrain out by expreſſion; and with white Sugar* ℔iiij. *make a Syrup.*

It is a good thing againſt Hecticks, and is ſaid to reſtore ſuch as are in deep Conſumptions, whether it be a pining, or from an Ulcer of the Lungs; and therefore is commended to all ſuch as are in a waſting and pining con-

condition. Dose two, three or four Ounces at a time, chiefly Morning and Night.

18. *Oxysaccharum Emeticum Mynsichti*, Vomiting Syrup of Vinegar.

℞ *Croci Metallorum Absinthiaci* ℥ss. *Cassiæ Lignex* ℥ij. *Lignum Aloes, roots of Angelica, A.* ℥j. *red Roses* ℥ss. *Vinegar of Clove-gilliflowers* ℥xv. *infuse warm for twenty four hours, then filter, and with as much white sugar Candy, make a Syrup.*

It cleanses the Body, chiefly the Ventricle of all vitious humors, and that without any great violence, that it ought to be given cautiously, and mostly to strong persons; it prevails against all intermitting Feavers, whether Quotidian, Tertian, or Quartan, and against a stubborn Melancholy humor, and all other Diseases proceeding therefrom. Dose from half an Ounce to six Drams.

CHAP. XVII.

Of QUIDDONIES.

1. ROB de uva Crispa, Quiddony of Gooseberries.

Because the Juyce of these Berries are naturally thick, so that you can make nothing of it by expression, you are in the first place to bruise them, and then with Rhenish wine a sufficient quantity, mix therewith to make your Expression: to the Magma or faces left, add again Rhenish wine, beating them well together, and then express again; this expressed juyce and Wine, you are to make into Quiddony, as you make simple Rob, or Sapa.

It is astringent, cooling and thickning: it takes away the heat of Feavers, stops fluxes, and the Terms, abates Inflamations, strengthens a weak-

weakned and debilitated ſtomach, and ſtops Vomiting.

2. *Rob de Pomis alterans*, Quiddoney of Apples Alterative.

℞ *Juyce of Pipins or Pearmains, as much as you pleaſe, depurate it, then boil it gently to the Conſumption of a third part; after adding half the quantity of Sugar; by repeating the boyling make Quiddony.*

It is cooling, and a delectable Quiddony for a hot diſtempered ſtomach; it abates the heat of Feavers, cools the Inflamation of the blood, comforts the heart, quenches thirſt, gently looſens the Body, and therefore is thought to be prevalent in Conſumptions and Hecticks.

3. *Rob de Prunis Damaſcenis*, Quiddony of Damask Prunes.

You muſt draw forth their Juyce or pulp with a ſufficient quantity of generous wine, then ſtrain, after depurate the ſtrained Liquor, then inſpiſſate with a gentle heat to the conſumption of one third of the Humidity, and with half quantity of white Sugar, boil it up into a Quiddony.

It looſens the Belly, being cooling and moiſtning: it allays the ſharpneſs of humors, and quenches Thirſt.

4. *Rob de Pyris*, Quiddony of Pears.

It is made of Juyce of Pears depurated, and boyled to a Conſumption of a third part; then with a third or half part of the Quantity of Sugar, to be finiſhed by repeating the boyling.

It is a good Cordial Medicament and reſtorative, for it revives the ſpirits, and comforts the whole man; being excellent good in Violent burning Feavers, and a debilitated Stomach.

5. *Rob de Prunellis*, Quiddony of Bullies.

℞ *Bullies large and fair* ℔ij: *Rheniſh wine (or inſtead thereof fountain-water)* q.s. *macerate and force the Pulp through a Sieve: evaporate the ſuperfluous humidity; and with white Sugar* ℔ j: *boil it*

it to its just consistency.

It cools, quenches thirst, allayes the heat of Feavers, and being held in the mouth keeps it and the Tongue moist; it stayes Vomiting, and is grateful to a hot and debilitated Stomach, overprest with Choler.

6. *Marmelada Nephritica*, Marmelade for stone in the Reins.

℞ *Rob of Quinces and of Juniper berries A.* ℥iv: *Inspissate Juyces of Parsley and Fennel, A.* ℥ij: *Winter Cherries full ripe* ℥jß: *Powers of Juniper-berries* ʒvj, *Crabs-Eyes, Volatile Salt of Sows or Hog-lice A.* ʒij: *Salt of Egg shells, Volatile salt of Amber, Ens Veneris A.* ʒj *mix all well, and make a Marmalade of a just consistency.*

It expels Stone and Gravel from the Reins, Ureters and Bladder, opens and cleanses all the Passages of the Urine, which it potently provokes, taking from thence all slime and filthiness: Dose á ʒj ad ij: in some specifick Vehicle.

7. *Marmelada Hysterica*, A Marmelade for the Womb.

℞ *Rob of Quinces and of Garden Tansy*, A. ℥iv: *Rob of Juniper berries* ℥ij: *Oyl of Cloves, and Savin, A.* ij. *Rob of Bryony, Volatile Salt of Amber A.* ℥ß: *Musk in fine Pouder, Castoreum in fine pouder of each* ℥j ʒij: *mix them.*

This is not inferior to any Hysteſtick yet invented; It represses fits of the Mother so absolutely, that from the experience of some famous men, they never return any more. It provokes Urine and the Terms, expels gravel and the stone, and gives ease in all inward Pains proceeding from Cold, Wind, or Obstructions, &c. Dose á ʒjß ad ij or iij, according to age and strength.

CHAP.

CHAP. XVIII.

of LOHOCHS.

1. *Lohoch ad Ulcera Pulmonum*, A Lohoch for Ulcers of the Lungs.

℞ *Conserves of Comfrey and Roses A.* ℥j: *Gum Arabick, Tragacanth, Ashes of River Crabs, A.* ʒ ij: *Terra sigillata, red Coral, fine Bole, A.* ʒ j: *seeds of white Poppies and of Plantane, A.* ʒi ſs: *with syrup of dryed Roses make a Lohoch.*

It prevals against Ulcers of the Lungs and heals them, and therefore is profitable for all such as have Consumptions upon them, arising from that cause. Dose à ℥j. *ad* ij. or more.

2. *Lohoch abstergens Rondeletij*, Rondeletius his cleansing Lohoch.

℞ *pulp of Raisons, Mucilage of Figgs, Barly hull'd and boyled, A.* ℥ſs. *roots of Elecampane in ponder* ℥j. *species Diareas* ℥jſs. *with syrup of Liquorice*, q. s. *make a Lohoch.*

It cleanses all Ulcers of the Mouth, Throat and Lungs, from their filthineſs, and disposes them to an orderly healing, moreover it is profitable against all sorts of Coughs, Colds, Hoarsneſs, Wheezings, Asthma's, and other Diseases of the Breſt and Lungs, proceeding from cold and obstructive causes.

3. *Lohoch Violatum Mynsichti*, Lohoch with Violets.

℞ *fresh Conserve of Violets, tinged with our Elixir of Sulphur* ℥iiij. *Lohoch sanum & expertum* ℥ij. *species diamargariton frigid. species diaireos simplex, A.* ℥ſs. *flowers of Sulphur with Gums, Spanish juyce of Liquorice, A.* ʒiij. *choise Saffron in ponder, Styrax, Calamita, A.* ℥j.

℈j. *Oyl Chymical of Hyſop, and of Mint, A. gr. iiij. mix, and with a Pectoral ſyrup, q. ſ. make a Lohoch.*

It is an admirable experiment in Coughs, Aſthma's, Phthiſicks, Diſpnæa, Orthopnæa, and other Vices of the Breſt and Lungs: Doſe about the quantity of a Nutmeg, to be ſwallowed down the throat by degrees ſeveral times a day.

4. *Lohoch Pectorale Mynſichti*, The Pectoral Lohoch.

℞ *Mynſicht his Pectoral Syrup* ℥iiij. *Lohoch of Colts-foot, Lohoch ſanum & expertum, A.* ℈j. *Manus Chriſti aniſated* ℥vj. *ſpecies Diarrhodon abbatis* ℥ſs. *green Ginger, or Ginger condited of Bingala* ℥iij. *mix and make a pectoral Lohoch.*

The Author ſaith, it is a moſt certain Remedy againſt Coughs, Colds and Hoarſneſs, proceeding from a cold, thick pituitous humor, lodged in the Breaſt and Lungs, it is profitable alſo againſt difficulty of breathing, the Pleuriſy, and other pains of the ſides, being taken often in a day to the quantity of a Nutmeg.

5. *Lohoch* ſeu *Diacodion Crocatum Mynſichi*, Diacodium with Saffron.

℞ *white Poppy heads with the ſeeds, N°. xxj. pulp of ſweet Carobs, Liquorice raſped, A.* ℥iij. *ſeeds of Cotton, Marſh-mallows, of Quinces, Myrtle-berries, A.* ℥ls. *fat Figs, Dates, Sebeſtens, A. N°. xj. flowers of Mallows, of Violets, and of Napweed, A.* ℥ij. *boyl all in a ſufficient quantity of ſpring Water, and ſtrain out: to the ſtrained liquor add white ſugar Candy, ſugar Penids, A. a quarter part; make by boyling a very thick ſyrup, towards the end of which, add ſyrup of the juyce of wild or corn Poppies, ſyrup of Jubebs, A.* ℥ij. *Extract of Engliſh Saffron* ℈ſs. *mix and boyl all to the thickniſs of Honey; let it be Aromatized with Gallia Moſchata* ℈j.

It is an excellent thing in all hot Catarrhs, where the humor is thin, ſharp and ſalt: in a vehement and continual

tinual Cough, it is a ſecret. It thickens the Rheum, Glutinates and cauſes expectoration, it quenches Thirſt, mitigates the extremity of heat and burning, cauſes ſleep and reſt; it cools and moiſtens, repairs the ſtrength, and revives the Spirits. It is prevalent againſt the moſt acute pains, chiefly thoſe of the Reins, as in the Stone and Gravel; in thoſe of the Bowels, as in the Cholick and griping of the Guts; in thoſe of the ſides as the Pleuriſy and baſtard Pleuriſy; and in thoſe of the Joynts, as in the Gout and Sciatica. It prevails againſt a Diarrhæa, Dyſenteria, and other Diſeaſes proceeding from ſharp choller. Doſe à ℥j. *ad* ij, iij, or iiij.

6. *Diacodion Montani*, Lohoch of Poppies of Montanus.

℞ *heads of white Poppies with the ſeeds N°.* xx. *pulp of ripe Carobs* ℥iij. *Myrtle berries, Liquorice raſped, A.* ℥ij. *Fountain water* ℔xij. *mix and boyl the water away, till it comes to* ℔iij. *after ſtrain by expreſſion, and ſtrain again, and add ſugar of Roſes* ℔j. *boyl all to the thickneſs of Hony.*

It has the virtues of the former, yet thought by ſome not altogether ſo powerful; however it is very profitable, in all thin and ſharp Rheums, and other Diſeaſes of the Lungs and Aſpera Arteria: it takes away the vehemency of Coughing, and cauſes reſt, for which things it is highly celebrated by *Montanus*. We have here ſubſtituted Myrtle-berries inſtead of *Althæa* roots, adviſed by *Montanus*; the reaſon is, becauſe the *Althæa* roots render the Medicine of an ingrateful or unpleaſant ſcent, and we judge the Myrtle-berries to be full as efficacious.

7. *Lohoch Antiphthiſicum Mynſichti*, Lohoch againſt Conſumptions.

℞ *Diacodium crocatum noſtrum* (*at Sect.* 5. *aforegoing*) ℥iiij. *Lohoch ſanum & expertum, Lohoch de Pulmone Vulpis ana* ℥ij. *Pectoral rouls white, yellow and red, A.* ℥j.

Our

Our Pectoral Syrup ℥ss. *green or condited Ginger of Bingala* ℥ss. *species Diarrhodon Abbatis, diamargariton frigidum, ana* ℥ij. *mix with an Emulsion of white Poppy seed (made with water of Calves Lungs)* ℥jss. *make a Lohoch.*

In Phthisicks or Consumptions of the Lungs, Asthma's, Coughs, Pleurisies, Catarrhs, hoarseness of Voice, Cholicks, and other Vices of the Lungs, Thorax and Bowels, this Medicament is of exceeding great power: It stops fluxes of all sorts, thickens humors, and causes sleep. Dose the quantity of a Hazle Nut, several times a day as need requires.

CHAP. XIX.

Of PRESERVES.

1. *Conserva Prophylactica Barbetti*, The Preservative Conserve of Barbet.

℞ *fresh Citrons* ℔ij. *the juyce hard prest out, the outward coats separated from the inward Pulp, and beaten very small, conserves of white Roses, of red Roses, of Borrage flowers*, A. ℔ ss. *Preserved Orange Peels* ℥iiij. *mix, and beat them into a Mass.*

It is a good thing to preserve from the Plague, and all malign Feavers, and may be taken in Pestilent al times morning, noon and night, *ad* ℥ss or more, drinking a glass of choice Canary after.

2. *Conserva Rosarum Pallidarum*, Conserve of Damask Roses.

℞ *Damask Roses, what you please, sprinkle them with Spirit of Sulphur in a stone Pan, put it over the heat of a Bath, or other convenient heat, and turn them continually till they become like a thick pap, which will be in about a quarter of an hour; take these flowers out that*

pre-

prepared, and put in more, continuing so till you have prepared all your leaves and flowers, then put them all together, and put to them double their weight of fine sugar, finely powdred and beat them all together, so will your conserve be both pleasant and durable.

§ 1. It is a good thing to cool the heat of Blood, and is very beneficial in all violent Feavers whatsoever. § 2. The Spirit of Sulphur has a twofold respect, first it revives and quickens the natural color of the Herb or Flower, preserves it and recovers it, if decaying: Secondly, it is as a Salt to those leaves or flowers, to preserve them from corruption. § 3. By this method you may make a Conserve in Winter of dryed Roses, whose color you may revive and make an excellent red, but your work will be a little the more tedious, *viz.* about an hour, but the Conserve will last and keep the longer. § 4. That if this Conserve of Roses had been sprinkled with Oyl of Tartar *per del.* and stirr'd, it would have been as green a Grass. § 5. That after the former manner you may make Conserve of other Flowers and Herbs.

2. *Conserva florum Papaveris erratici*, Conserve of wild Poppy flowers.

It is made as that of Roses aforegoing.

It is admirable in giving rest and ease, cooling the violence of hot Feavers, and in curing Surfeits: it also eases pains of the Colick. If in making of it you sprinkle it with Oyl of Tartar *per deliquium*, and then stir it, it will become of the color of Violets, or like Syrup of Violets.

4. *Conserva ad Cordis roborationem, Quere.* A Conserve to strengthen the Heart.

℞ *Conserve of Citron peels* ℥j. *Conserves of Flowers of Bugloss and Violets, A.* ℥ls. *Confectio Alkermes* ℥jss. *Confect. Liberantes & Cordialis, Elect. de Gemmis, A.* ℥ss. *species Aromaticum Rosarum, Dianthos, A.* ℥j

Coral and Pearls prepared, A. ℥j. bones of a Stags Heart ℥ss. Unicorns Horn ℥j. Bezoar stone, Ambergrise, A. gr. x. leaves of Gold, Number vj. beat all well together, mix and make a Conserve.

It is good against Lipothymia's, swooning fits, Faintings of the Heart, Pestilential Feavers, and the Plague it self: you may take a spoonful of it at a time; and immediately after it a little Cordial water.

5. *Conserva Violarum*, Conserve of Violets.

℞ *Violet flowers fresh gathered and cleansed* ℔j. *beat them in a Marble Mortar, and with a wooden Pestle: to which add treble refined sugar* ℔j. *beat them together very well into a soft mass: set them in the Sun in an earthen Vessel, covered over for* 15 *days, then put them up and keep them for use.*

It mitigates the heat of Choler, and extinguishes the burning and inflamation of the other Humors; it quenches thirst, moves the Belly gently, and takes away the roughness of the Throat, and *Asperæ Arteriæ*, dilating those passages.

6. *Conserva florum Borragimis & Buglossi*, Conserve of Borrage and Buglosse flowers.

It is made as the former.

It exhilerates the Heart and vital Spirits, is good against Melancholy, Fainting and swooning Fits, and helps such as have a Gough, Asthma, *&c.*

7. *Conserva Nenupharis*, Conserve of Water Lilly's.

It is made as those of Violets, save that these flowers being fresh gathered and cleansed from the herby part, are to be dryed one day in the shadow.

It temperates the heat of the *Precordiums*, quenches Thirst, cools the Head and Brain, causes sleep, and abates the heat of Feavers.

8. *Conserva Anthos*, Conserve of Rosemary flowers.

It is made as those of Violets; save it is compound-

with treble the weight of the flowers in Sugar.

This hath been of long and great use among Physicians, because of its mighty power in strengthning the Nerves, Brain, and whole Head, causing livelinesse, chearfulness and watchfulness: it is therefore happily given in Lethargies, Dulness, Drowsiness, Epilepsies, Apoplexies, Tremblings, Palsys, faintings, swoonings, and other Distempers of the Head, Brain and Heart.

9. *Conserva flosrum Betonicæ*, Conserve of Betony flowers.

It is made in all respects as is that of Rosemary flowers before going.

It is an excellent thing for cold Diseases of the Head and Brain, though not altogether so powerful as the former: It strengthens the Head and Stomach, obtunds the force of Poisons, and is commended against all affects of the Brain.

10. *Conserva Salviæ*, Conserve of Sage.

This is made of the flowers as are the Conserves of Rosemary and Betony flowers.

It is a good thing, and of frequent use, and commended in the *Salernitane School*, with a very high *Elogium*: chiefly it is used in affects of the Brain and Nerves, and to strengthen them: to help trembling, stupidity, Palsies, decay of the Senses, and the like.

11. *Conserva Adianthi*, Conserve of Maiden-hair.

℞ *White Maiden-hair, and cleansed from its stalks* ℥j. *white Sugar* lb. ij: *beat the Leaves first well; then the Sugar, and let them be well mixed by beating; which keep in a fit Vessel for Use.*

It is a good pectoral, and opens Obstructions of the Breast and Lungs.

12. *Conserva foliarum Tussilaginis*, Conserve of leaves of Coltsfoot.

It is made in all respects as is that of Maiden-hair in the former section.

It is profitable against Coughs, Colds, Wheezings, and obstructions of the Breast

and Lungs; and alſo againſt continual Catarrhs falling upon the Breſt and Vital part, being frequently and conſtantly taken.

13. *Conſerva Eſula Johannis Hartmanni Beyeri*, Conſerve of Eſula.

℞ *Leaves and flowers of the leſſer Spurge* ℥ iij: *red or purple roſes, March Violets*, A. ℥ jſs: *Choiſe Sugar* ℔ j ſs: *mix and make a Conſerve* S.A.

When you intend to uſe this Conſerve which is for the purging forth of Hydropical humors; you may take thereof ℈ ij or ℥ j: and mix it with Maſtick, gr. viij. Species diamoſchi dul. gr. jv. infuſe all in ſmall White wine, or ſome convenient Water for 12. hours; then ſtrain, and to the ſtraining add Juyce of Quinces ℥ ſs: Cinnamon Water ℥ j: mix them for a Draught, to be taken in the Morning faſting.

14. *To preſerve or pickle Cucumbers the uſual way as Oyl-men do them.*

℞ A thouſand Cucumbers long Engliſh ſeed (not French) waſh them very clean, and let them drein in a Sive; put them into a pot or Veſſel *ſtratum ſuper ſtratum*, or in layes, firſt, a lay of Dill and Fennel, then a Lay of Cucumbers, then a lay of Dill and Fennel, and then again a lay of Cucumbers, thus continuing till the Pot or Jar is full: to this put a Pickle made with five Galons of Beer or Rape Vinegar, in which ſo much Salt is diſſolved by boiling, as that it may bear an Egg, in which diſſolve alſo Roch Alum ℥ iij: adding in groſs pouder Ginger ℥ ij: White peper, Coriander ſeed, Dill ſeed, of each ℥ j: Cloves ℥ ij: put this pickle among the Cucumbers in the Veſſel aforeſaid, which cork up cloſely, covering it with VVax or Roſin: About a Month or 6 weeks after take the Pickle out, boil it on brisk fire and Scum it, and put it in again to the Cucumbers hot, which cover cloſe as before, ſo will your Cucumbers keep long and be green: If they be not green enough boil the Pickle again, and put it

it to the Cucumbers as before.

Here is to be noted, 1. That the best Wine Vinegar is much the better than Beer Vinegar, as Experience has testified.

2. That it would be convenient for the Emptying of the Jar, to have a hole near the bottom of it, That a Brass cock might be there placed.

15. To preserve or Pickle Cucumbers another way.

℞ A Thousand Cucumbers, wash and lay them with Dill and Fennel in a Pot or Jar, as aforesaid, to which put this following Pickle. ℞ of the best White wine Vinegar, gal. iv. Brine (made so strong with water and Salt, as it may bear an egg) gal. 1. VValnut-tree-leaves, Bay-leaves, Time, A. M. j: Ginger in gross pouder, Dill seed, Coriander-seed bruised, A. ℥iſs. white Pepper bruised ℥j. Cloves, Mace, A. ℥ij. boyl all these together, and let them stand till they are almost cold; then put the pickle to the Cucumers aforesaid, and they will be good to eat in a few days: after 14 days or three weeks, the Pickle ought to be taken out, boyled, scummed and put in again.

16. To preserve or pickle Sampire.

You must make a Pickle, like that in the last way of pickling Cucumbers, save here instead of water to make your gallon of Brine withal, you must use white VVine; in this Pickle the Sampire is to be scalded: when the Vessel is taken off from the fire, cover it with a cloth to keep the steam in, for about a quarter of an hour, or somewhat more, so will it be tender: but if it be desired to be hard, and not to be boyled again, cover it not at all: then take the Sampire out of the liquor, and let both cool by themselves: after put them up in an earthen or stone Jar, which stop close and cover with Rosin or VVax, and keep it for use.

Here is to be noted, that Sampire may be preserved without scalding, but then

when it is used, it must be boyled.

17. *To preserve or pickle Broom Buds.*

Put them into an earthen, stone or glass Jar, and put upon them the Pickle before mentioned for Sampire: stop the Vessel close with cork and wax, and shake it once a day, for fourteen or fifteen days; then will they be sunk: after six or eight weeks, you may pour off the former pickle, and put to them this: ℞ white VVine Vinegar the best, gal. ij. leaves of Time, M. j. Ginger, Coriander seed, Dill seed bruised, A. ℥vj. white Pepper broken in pieces ℥iij. Cloves, Mace, A. ℥j. boyl all these together, and put the Pickle to the broom buds: but it will be good to boyl the Vinegar first very well, and at the end of the boyling to put in the spices, giving them a walm or two.

After this manner may you pickle, Capers, French Beans, and other the like things.

18. *To preserve or pickle Purslane.*

℞ Purslane with its stalks, boyl them tender in fair water, and lay them a drying or draining: this done, put it into an Earthen, Stone, or Glass Jar, and pickle them, as we have before taught you to pickle Broom buds. *Or thus,* Being boyled and dryed, as aforesaid, between linnen cloths, cover them with the best white VVine Vinegar, mixed with Salt, but put not in so much Salt as for Cucumers; lastly, stop the mouth of the Vessel with Cork, and VVax or Rosin melted upon it, as before.

19. *To preserve or pickle Mushrooms.*

Take Mushrooms, such as grow upon gravelly places, are of the last nights growth, and underneath are of a kind of Salmon color, as you gather them, put them into a pitcher of fair water, to preserve them white: being brought home to dress, cut the great ones in halves or quarters, seeing carefully that

that there be no worms in them, and peel off their upper skin on the top, the little ones peel whole: as you peel them, caſt them into a Baſin of fair water, which preſerves them white: then put them into an Earthen or Copper-tinn'd Sawce Pan, putting to two quarts of them, a pint or half a pint of white Wine, Cyder or Perry, and about two ſpoonfuls or more of Salt: boyl them with a quick fire, and ſcum them well all the while, taking away the filth as it ariſes. They will ſink into a very little room, when they are ſo boyled as to be tender, which will be in little more than a quarter of an hour; then put them into a Collander to drain their moiſture from them: being well drained, put them into an Earthen, Stone, or Glaſs Jar, pouring upon them this following Pickle. ℞ of the beſt white Wine Vinegar, a quart: broken or bruiſed Pepper two ſpoonfuls: Nutmegs bruiſed ℥j. Time ℥j. Cloves bruiſed N° xxx. Mace, Coriander ſeed, Ā ℥ſs. Bay leaves broken into bits N° iv. boyl the Vinegar firſt, toward the end of boyling put in the Spices, and give them two or three walms, then take it from the fire and let it cool. Being quite cold, put it to the Muſhrooms (being cold alſo) in the Jar; which ſtop up cloſe with Cork, and melted Wax or Roſin: in about fourteen days they will have taken in the full taſt of the pickle, and will keep good about half a year; but be ſure you have pickle enough to cover the Muſhrooms, elſe they cannot all of them be good: In four, five, or ſix months time, you may ſhift the pickle, and put on new, ſo will they keep a year or more.

20. *To preſerve or pickle Oyſters.*

Take a quart of Oyſters freed from their liquor, waſh them in fair water, ſtew them in a Sawce-pan, with their own liquor, poured off from its filth, and a pint of white Wine Vinegar, adding Cloves bruiſed ℥j. Limon Peels ℥ſs. Coriander ſeed bruiſed ℥j.

simmer them all together with a little Salt for half an hour; then put them into a Jar or other Vessel, which stop close and keep for use: in four or five days they will be fit to eat, and look white.

21. *To preserve or pickle Oysters another way.*

Take a quart of Oysters, wash them clean in their own liquor, then let it settle, and put your Oysters to it, adding of the best white Wine Vinegar a pint, and Pepper broken or bruised ℥j. Mace bruised ℥s: Cloves bruised ℥j. Salt a little, as you please: boyl all over a fire leisurely, till they are pretty tender, (scumming them all along as the Scum arises:) when they are enough, take them out till the Pickle is cold, then put them up, and stop them as aforesaid: they will keep well in Caper barrels, and be good six or eight weeks.

22. *To preserve or pickle Oysters another way.*

In opening the Oysters put them by themselves, and the liquor by it self; let it settle, pour off the clear, to which add half its quantity of Brine (made of water and salt, with Bay leaves, or other hot Herbs:) into this mixture put the Oysters, and let them simmer over the fire, so long till the Oyster is of a white color, and till the fins begin to shrivel or contract, then take them off the fire, and out of their liquor, laying them singly till they are cold, and likewise the liquor cold, after put them up in Barrels or Jars, and stop them close as aforesaid.

23. *To preserve or pickle a Breast of Veal.*

Boyl it first in fair water, so much as will cover it, then take it off and let it cool: Take of this Broth 2 quarts: of the best white Wine Vinegar, one quart: white Wine one pint: Cloves bruised, Mace bruised, biting Cinnamon in bits, ℞. ℥j. put all these together, and boyl them, and when it is cold, put the Breast of Veal (cut into fit pieces) into the same, in a proper Vessel, as a little Barrel or Jar, which stop up close;

It will be fit for eating in a Week, and will keep three Months in Summer time.

Thus you may preserve other meats, being first boyled, and when cold to be cut into slices, of one Inch and a half thick, and so put into the Pickle.

24. *To preserve flesh another way.*

Take of the best Buttock Beef; Pork flesh (some say the Belly peices, pared off the Ribs, others of the lean of the leg of Pork:) A. ℔vj. Beef Suet ℔iij. (but if you use the lean of the Leg of Pork, then you must have Beef Suet ℔iiij ſs. or more:) Cloves, mace, nutmegs, cinnamon, all in grosſ ponder, A. ʒſs. leaves of red Sage, Penny Royal, Time; A. ʒj. firſt Parboyl the meat over a gentle fire, for an hour; being cold shred it small by it self: after shred the Beef Suet by it self; then the Herbs by themselves: mix all together, Meat, Suet, Herbs and Spice, with Salt enough to season them, or give them a good reliſh, chopping them small, then put them up in prepared Ox Guts, after smoak or dry the Sauſages three or four days, in a Tin stove, over a Saw Duſt fire.

Here is to be noted, 1. That these Sauſages *are those so much famed and known by the name of* Bononia *or* Polonia *Sauſages.* 2. *That the* Ox Gut *are thus fitted or prepared: Being emptied of their Dung, put them into fair water and Salt, cut them into several pieces, and turn the inside outwards with a stick, for three or four days together, washing them till they become white, then put in the flesh, pressing it in hard and tye it up.* 3. *That being thus made (without any other dressing) to be eaten cold with Muſtard.* 4. *That the said Tin Stove or Frame might be used and placed in a Chimney in form of a Cup-board, but without a bottom, with two doors, the one at the bottom (with a Pidgeon hole in it) to open and make a Saw-Duſt and Small-Coal-Duſt fire, to be kindled or enlivened with straw, and to draw in*

Air

Air at the hole aforesaid, which may have a little door to prevent Cats: the Top thereof may be firm Tin, with a nossel or pipe in it, like that of a pair of Bellows, covered over to prevent soot, to which and on ledges athwart divers hooks to be hung the said Sawsages, as also sheeps and hoggs tongues may be hung and dry'de. Collins, Salt and Fishery. p. 110. and 136. 5. But where this is wanting, if they be hung up in a Chimny where a very great fire is continually kept every day, it may dry them well enough to serve this present purpose.

CHAP. XX.

of SUGARS.

1. *Tabellæ Glycyrrhizæ Nigræ*, Black Lozenges of Liquorice.

℞ *Extract of Liquorice boiled to a soft Consistency, fine Sugar in pouder, A.* ℔ij: *Gum Arabick* ℥j, *dissolv'd and strained: thicker mucilage of Gum Tragacanth made with Rose-water,* ℥jß: *beat and incorporate them well together in a marble Mortar, with a wooden Pestle, which you may form into Tablets or Lozenges, or if you please into Rouls.*

It is good against Coughs, Hoarsness, Obstructions of the Lungs, Ulcers of the Mouth, Throat, and Parts adjacent: Let them be held in the mouth till they dissolve by degrees.

2. *Tabulæ Glycyrrhizæ albæ*, White Lozenges of Liquorice.

℞ *Powders of Liquorice and Florentine Orrice root, A.* ℥jß: *fine Wheat flower* ℥jv: *treble refin'd Sugar in pouder* ℔ij: *Oriental Musk and Ambergrise, A. gr. viij: Mucilage of Gum Tragacanth*

cinth made in Rose-water, q. s. mix, and beat all together in a marble Mortar into a firm Paste: Make them up into Lozenges (or if you please Rouls) and dry them by the fire upon white paper.

The Virtues are the same with the former, but the former are the more powerful, though these be the more odoriferous and pleasant, for which cause they are by fools most in use.

3. *Tabulæ Cachecticæ*, Lozenges against an ill habit of Body.

℞ *Bezoar mineral, Viper powder, Crabs Eyes prepared, A.* ʒss: *Pearls prepared, Volatile Salt of Amber, A.* ʒij: *Volatile Sal Armoniack, Salt of Steel A.* ʒs: *distilled Oyl of Cinnamon, gut.* jv: *white Sugar* ʒxij: *dissolve over the Embers Gum Tragacanth* ʒj ss *in Orange flower water* ʒvj: *and make a mucilage, mix all together, and in a marble Mortar make a paste, which make into Lozenges, each weighing about* ʒjv: *and dry them in the shade.*

They are good against a Cachexy or ill habit of Body, take away all acerbities or sharpnesses of humors whatsoever, sweeten the whole mass of blood, and open Obstruction of the Liver, Spleen, Womb and Mesentery. Dose one Lozenge at a time.

4. *Tabellæ Cardiacæ*, Cordial Lozenges.

℞ *pure Refin'd Sugar dissolved in Orange flower water, and boil'd to the consistency of a solid Electuary* lbj: *then take it off the fire, and being half cold, add Confect of Alkermes* ʒj, *Candied Citron Peel well beaten, Bezoar mineral, A.* ʒij: *distilled Oyl of Cinnamon gut.* ij: *well mixt with white Sugar* ʒij: *Ambergrise* ʒß: *Musk* ʒj: *stir and mix all very well together, and pour out the whole upon a plate of Tin, or sheet of white Paper, which cut out into Tablets of what bigness and fashion you please.*

They are admirable to cherish the heart and preserve the natural heat: they restore an extraordinary Vigor, liveliness and strength to the

the whole Body and all its parts, gathering together and invigorating the ſcatterd and weakned Spirits: they powerfully preſerve the heart, brain, and are a good preſervative in infectious and peſtilential times: They excite to Venery, and mightily ſtrengthen them that have weak backs. You may exhibit them at any time upon any emergency, as fainting, Swooning, and the like; but chiefly in the morning faſting, à ʒi, ad ʒii: or ʒß.

5. *Tabellæ ſtomachicæ*, ſtomach Lozenges.

℞ double refin'd Sugar ℔j; diſtilled water of Citron Peels, ʒjv: boil them over a fire to the Conſiſtency of Lozenges: being half cold add Nutmegs condited with Sugar and poudred N°. iij: Extracts of Saffron and Zedoary, A. ʒiij: Saffron, Cinnamon Elect, Mace in pouder, A. ʒij: Cloves in fine pouder ʒj: mix, incorporate, and make Lozenges: S.A.

They ſtrengthen the Stomach wonderfully, warm and comfort it, thereby increaſing the Appetite, and helping the Concoction and Digeſtion, they powerfully expel VVind, and hinder the putrefaction of humors: Doſe ʒij: in a morning faſting; and juſt before or after dinner, or as you ſee Occaſion upon any fainting or illneſs.

6. *Tabulæ contra Vermes*, Lozenges againſt VVorms.

℞ *Choiſe Rhubarb, Citron ſeeds husked, Wormſeed, ſeeds of Purſlane, of Coleworts, Broom finely poudred*, A. ʒiij ℈ *dulcis* ʒij, *white Sugar* ʒxvj *all being in fine pouder mixt & incorporate with mucilage of Gum Tragacanth made with Orange-flower water, of which Paſte make Lozenges each weighing* ʒj.

They kill all VVorms in the Stomack and bowels, and you may give one or two of the Lozenges at a time, to a child in a morning faſting, but ſome ſuppoſe that the beſt time is the 3 laſt days of the Moon.

7. *Confectio ad Vermes*, Au-

A Confect againſt VVorms.

℞ *Wormſeed* ℥ j ſs. *Meal of Lupins* ℥ j: *Dittany white, and of Creet*, A. ℥ ß: *burnt harts-horn prepared, the true Scordium*, A. ℥ i ß: *Saffron* ℥ ß gr. vj: *White ſugar (diſſolv'd in a ſufficient quantity of wormwood water)* q. s. *mix and make a Confect* S. A.

It expels worms and other Animals out of the body, and prevents the Corruption and putrefaction of humors which generates them. Doſe ℥ j, in the morning faſting: or more according to Age and ſtrength.

8. *Tabellæ de croco Martis ſimplices*; Lozenges of Crocus Martis ſimple.

℞ *Crocus Martis prepar'd by applying a Cake of Brimſtone to ſteel red hot, and pounded* ℥ j: *pouder of Cinnamon elect* ℥ ii ß: *beſt white ſugar* ℥ jv: *with Mucilage of Gum Tragacanth make a ſtiff maſs, of which form lozenges weighing each* ℥ ij: *which dry in the ſhade.*

Theſe provoke the Terms being taken for ſeveral daies together, and renewed upon occaſion, drinking after them White and Rheniſh wine or ſome hyſterick water, about a quarter of a pint, then ſtirring or walking thereupon for an hour, and then faſting an hour longer.

9. *Tabellæ de Croco Martis compoſitæ*; Lozenges of Crocus Martis compound.

℞ *Opening Crocus Martis* ℥ ij: *choice Cinnamon, Rhubarb elect, Fecula of Briony, Caſtoreum, Engliſh Saffron in pouder*, A. ℥ ij: *pure fine ſugar* ℥ ix: *diſſolve the ſugar in Mugwort-water and boil to the Conſiſtency of Lozenges; being half cold, mix the Pouders and make Lozenges according to Art.*

They provoke the Terms powerfully, and free the womb from Impurities: they open Obſtructions of the Liver, Spleen, Meſentery, and bowels, and are profitable againſt the Cachexia, Greenſickneſs, Dropſie, Jaundice, and Lienteria. Doſe à ℥ ij *ad* ℥ ſs: in a morning faſting, drinking after ℥ iij or iiij of Wormwood wine, walking after

after them, half an hour or an hour; you ought to give them for fifteen or twenty days together: after two hours taking of them, the sick may have liberty to eat.

10. *Confectio Zinziberis*, A Confect of Ginger. *August.*

℞ *choice Ginger, in fine pouder* ℥vj. *Cinnamon Elect.* ℥ij. *Nutmegs* ℥j. *Cloves* ℈ij. *Mace* ℈j. *make all into a pouder and mix them, to which add Sugar dilated in Rose water* ℥xvj. *make a Confection by boyling.*

It comforts a cold and moist Stomach, helps Concoction, and causes Appetite.

11. *Confectio Aromatica Mynsichii*, A Confect of Aromaticks.

℞ *Galangal the less* ℥ss. *Calamus Aromaticus, Grains of Paradice, white Ginger, A.* ℥j. *Cloves, Cassia Lignea, Zedoary, Burnet, long Pepper, Caraways, A.* ℥ss. *Cubebs, Nutmegs, Saffron, Mace, A.* ℈j. *Chymical Oyls of Cinnamon, of Mint, of Oranges, of Rosemary, A.* ℈ss. *white Sugar (dissolved in Stomach water)* ℥xvj. *make an Aromatick Confect, &c.*

It comforts all the principal Members, as the Head, Brain, Stomack, Heart, Liver, Spleen, Mesentery, Bowels, *&c.* being weakned through too much cold or moisture: It heats admirably, strengthens and preserves from pain, chiefly such as comes from cold and wind, as the Cholick, *&c.* It stops Vomiting, causes Concoction, and creates an Appetite. Dose à ℥ij. *ad* iiij, or v.

12. *Tabellæ Magnanimitatis*, Lozenges causing Courage.

℞ *Pulp of Pistach Nuts, candied Satyrion roots, Conserve of Rosemary flowers, Confect of Alkermes with Amber and Musk, A.* ℥ss. *Viper pouder, made of the Flesh and Livers, Pearls prepared, A.* ℥ij: *Rocket-seed, Kidnies of Skinks, lesser Cardamoms, roots of Ga-*

Galanga, A. ℥ß. *Cloves, Cinnamon, Mace, Ambergrise, A.* ℥ß. *Oriental Musk* ℈j. *Sugar dissolved in Orange-Water, and boyled to the thickness of Lozenges* ℥xv. *beat the Pistachoes, Satyrion roots, and Rosemary flowers, in a Marble Morter, and pulp them through the wrong side of a hair sieve, with the Pulp, mix the other things in fine powder, this mixture then incorporate with the dissolved Sugar, being half cold, and make a thick paste, which make into Lozenges, weighing about* ℥ij. *a piece.*

They excite to Venery, and cause magnanimity and courage: one or two of them may be taken morning, noon and night, using them as long as need requires, the Patient mean season keeping a good diet, and avoiding melancholy.

12. *Tabulæ Specierum Pannonicarum*, Lozenges of the *Hungarian* Pouder.

℞ *of the said powder* ℥ß. *white Sugar* ℥xij. *dissolve the Sugar in Rose water,* q. s. *boyl to the consistency of Lozenges, then being half cold, add and incorporate well the powder aforesaid, of which Paste make Lozenges.*

The Vertues are the same with the said Pouder, but not altogether so powerful, yet this is sure, that what it wants in vertue, it has in pleasantness. See the Pouder it self, *in Cap.* 21. *Sect.* 42. following.

CHAP. XXI.

Of POUDERS.

1. *Species Cathartica Nost. seu Arthritica*, Our Cathartick Gout Pouder.

℞ *of Jallap* ℥iij. *Turpethum, Diagridium, Hermodacts, Sena, A.* ℥j. *Cloves, Gin-*

Ginger, Liquorice, A. ℥ ſs. ponder all ſeverally, and mix them for uſe.

It is powerful againſt the Gout, the Cachexia, Dropſy, Scurvy and Jaundice, and excellently purges Choler, Flegm and Water. Doſe *ad* ℥ſs. mixt with Honey or white Wine.

2. *Species Nephritica noſt.* ſeu *Lithontribon*, Our pouder againſt the Stone.

℞ *Spicknard, Ginger, Cinnamon, black Pepper, Cloves, Cardamoms, Liquorice, A.* ℥ſs. *Winter Cherries, ſeeds of Gromwel, Ammi, Smallage, Parſly, Baſil, Nettles, Saxifrage, Carraways, Fennel, Burdock, Aſarabacca, Sows prepared, Calx of Egg-ſhells, A.* ℥j. *bring all to a fine pouder, to which add at the time of adminiſtration, to every Dram of pouder* ℥ſs. *of Cryſtals of Tartar.*

It expels the Stone and Gravel, whether in the Reins or Bladder, and powerfully provokes Urine. Give it in white Wine, or Rheniſh, or *Tinctura Nephritica*, *ad* ℥ſs. *ad* ℥j.

3. *Species Sanctæ, ſeu Diaſena*, Pouder of Sena Compound.

℞ *Sena, Scammony, Gumma Gamba, A.* ℥j. *Cloves, Cinnamon, Galangal, A.* ℥ſs. *make of all a fine pouder: to* ℥j. *of which add when you give it* ℥j. *of Cryſtals of Tartar.*

It is an excellent purger of aduſt and ſtubborn humors, being taken for ſome time together; It purges melancholy, Flegm and Watery humors: and if to the Compoſition you add to it *Mercurius Dulcis* ℥j. it will not only cleanſe the Body of inward impurities, but alſo the Skin from Scabs, Itch, Leproſy, and the like Evils. Doſe ℥ſs. in white Wine or Marmalade of Quinces.

4. *Pulvis exchelis Cancrorum Noſt.* Our Pouder of Crabs Claws.

℞ *of the black tips of Crabs Claws, pouder of Vipers, A.* ℥iij. *Crabs Eyes, Pearl*

Pearl, white Amber Bezoar stone, Bezoar Minerale, Magistery of red Coral, Cochinele, Saffron, Hart-horn, A. ℈ss. make all into a fine powder according to Art, and with either Gelly of Harts-horn, or dissolution of Gum Tragacanth in Small Cinnamon water, or Gelly of Vipers, make it into little Balls.

It is powerful against the Plague, and all malign Feavers, as also against Poyson or the biting of any venomous Beast: It brings forth the Measles and Small Pox, and expels both Birth and After Birth. Dose à gr. x. *ad* ℈j. according to Age and Sex.

5. *Pulvis Antepilepticus Noster.* Our powder against the Falling Sickness.

℞ *purified Cinnabar of Antimony, Magistery of Coral, Pearl, Mans-Skull, A.* ℈j. *filings of Elks-hoofs, and of Ox horns, Gentian, A.* ℈vj. *make a fine powder.*

The Title shews the Vertues, for which it is an approved thing: Dose à gr. x. *ad* ℈j. twice a week, or in time of frequency, every morning fasting.

6. *Pulvis Alexi Nummicus Barberi.* The Counterpoyson of Barbet.

℞ *Contrayerva, Antimony Diaphoretick, A.* ℈ss. *fine Bole, Terra sigillata, A.* ℈iij. *Petasitis, Tormentil, Elecampane, Cinnamon, A.* ℈ij. *red Coral prepared* ℈ij. *shavings of Harts-horn, Ivory, A.* ℈j. *make all into a fine powder.*

It is an excellent thing against all manner of Poyson and the Plague, and all sorts of Pestilential Feavers. *Barbet* saith, that he used this powder with his prophylactick Conserve, and the prophylactick Water of *Sylvius de le Boe*, with very great success, in several which have been very much afflicted with the Plague, but then he commonly mixed them with other things.

7. *Pulvis Cornachinii Vulgaris*, the Vulgarly reputed powder of Cornachinius.

℞ *Diagredium, Antimony*

Diaphoretick, A. gr. vij. *Cream of Tartar* ℈j. *mix them.* / Or thus: ℞ *Scammony* gr. viij. *Crocus Metallorum, Cream of Tartar, A.* gr. iiij. *mix them.*

It is an excellent Dose in all cases where a Purge is required.

8. *Species Aloxipharmicæ Nost.* Our pouder against Poyson.

℞ *Oriental Bezoar, Bezoar Mineral, Bezoar Animal, Extracts of the roots of Contra Yerva and Virginian Snake-root, Magistery of Pearl and Coral, A.* ℈j. *Cochenel, Saffron, A.* ℈ij. *Oyl of Cinnamon* ℈j. *mix the Oyl with the pouders, and make all into Balls, with the Extracts, which dry and keep for use.*

It is truly a great Cordial; potently resists poyson, plague, and all malign Feavers, expelling the venom, defending and preserving the Heart from any danger. It works by Sweat, and insensible transpiration: Dose a gr. vij. *ad* xij. or ℈j. in any Cordial Tincture, or Spirit.

9. *Pulvis Cachecticus Noster,* Our Virgin Pouder.

℞ *filings of steel ground impalpable, and prepared with Spirit of Salt, Salt or Magistery of Pearl, Crystals of Tartar, A.* ℈j. *with white Sugar make a pleasant pouder.*

It opens all Obstructions of the Liver, Spleen and Womb, provokes the Terms, and cures the Green-sickness. Dose *ad* ℈ss. every morning, till Health is recovered, stirring well after it.

10. *Species Cordiales Nost.* Our Cordial pouder.

℞ *Rhubarb, yellow Saunders, Liquorice, Cinnamon, Cloves, Mace, Nutmegs, Ginger, Spicknard, Cardamoms, seeds of Annise, Carraways, Fennel, Saffron, Pearls prepared, A.* ℈j. *white Poppy seed, red Roses exsuccated A.* ℈ij. *Camphir* ℈j. *let all be pulverized apart, then mixed.*

This

This Medicine is a great Cordial, gives reſt to weary perſons, cauſeth ſleep, chears the Heart, revives the Spirits, ſtrengthens the Stomach, and expels Wind. It helps concoction and ſtops Vomiting. Doſe *ad* ℈j. or ℈ſs. or more, either alone with Sugar, or ſome convenient Syrup.

11. *Lithontribon Milleſedium*, The Stone-breaking Pouder of Sows or Hog-lice.

℞ *Sows or Hogs-lice, waſh them with Wine, dry them in an Oven, in a Glaſs, ſealed up Hermetically, then reduce them to a ſubtil pouder, which imbibe with Wine, dry it, and imbibe again, do this four times, then reduce it to pouder again, and put to every ounce thereof Oyl of Salt* ℈j. *mixt with a little Strawberry water: dry it, reduce it to pouder again, and keep it for uſe, in a glazed Veſſel well ſtopt.*

It is a moſt excellent thing to open all Obſtructions of the Reins and Bladder, and many other parts; it provokes Urine, breaks, diſſolves and expels the Stone; is prevalent againſt the Scurvy, Green-ſickneſs, Dropſy, Jaundice, Kings-Evil, Rickets, *&c.* Doſe à ℈ij. *ad* ℈j. in ℥vj, or viij. of the Decoction of red Vetches, mixt with S. V. ℈ſs. upon an empty ſtomach, every day, or every other day for twenty or thirty days together.

12. *Pulvis Benedictus Hartmanni*, Hartman's bleſſed pouder.

℞ *pouder of the roots of Dragon-wort (or Aron)* ℈ij. *white Arſenick* ℈j. *Soot, black and good (not ſuch as is old, ſandy, or like ſpiders Webs)* ℈iij. *gather the roots in* June *or* July, *ſlice and dry them in a windy place, then pouder them: reduce the Arſnick to moſt fine pouder, pour upon it* S. V. *digeſt it three days in a hot place, then decant the ſpirit, and pour on new ſpirit, repeating the ſame five times, waſh it with water and dry it. Then mix the pouder of the roots and Arſnick with the Soot, according to Art.*

The Invention of this was by *Hartman*, for the Cure of Cancers, which is (the Ulcer being cleanſed) to be once, and but once ſtrewed thereon, unleſs it be taken off too ſoon, before the roots thereof are eradicated: lay over it oyled Cloth, moiſtned with faſting ſpittle, that it may ſtick. This procures great pain, but tis not to be removed, till the Cancer and its roots are eradicated, anointing in the mean ſeaſon round about it with Oyl of Roſes, when the pain ceaſes, and the Cancer is deſtroyed, remove the pouder, and all that ſticks to it, and perfect the Cure with this following incarnative pouder, and Oyntment of Litharge hereafter deſcribed.

13. *Pulvis Incarnativus*, A pouder breeding Fleſh.

℞ *Olibanum, Sarcocolla, Maſtich, Myrrh, Aloes, Mummy, Ariſtolochia, long and round, A.* ℥iij. *Mercury precipitate* ℥ij ſs. *make a pouder.*

The Title ſhews the intention, being a very excellent thing to breed fleſh, and heal any Wound or Ulcer: It will do without the precipitate, where there is no malignity.

14. *Pulvis Admirabilis*, The Wonderful Pouder.

℞ *choice Scammony* ℥vij. *Cremor Tartari* ℥vj. *Gutta Gamba, Crocus Metallorum, A.* ℥iiij. *each being in fine pouder, mix and ſearſe them together.*

It is a ſtrong Vomit, but a moſt admirable thing in all ſtubborn, fixt, chronick and violent Diſeaſes, in the Gout, Sciatica, Dropſy, Jaundice, Rheumatiſm, Megrim, Vertigo, Lethargy, inveterate Head-ach, there is no better Remedy: but it ought to be given with caution, and to ſtrong bodies, or where the Diſeaſe otherwiſe is deſperate. Doſe à gr. x. *ad* xviij. in the morning faſting, in a little Broth, Syrup, Pap of an Apple, Honey, or ſome ſuch like thing. During the working hereof, let the ſick drink plentifully, broth made

freſh

freſh, but well ſeaſoned with Salt, at time of taking of it. I ſometimes uſe the Compoſition thus: ℞ *Scammony* ʒix. *Gutta Gamba* ʒvj. *Tartar Vitriolate* ʒiiij. *Croçus Metallorum* ʒiij. mix them. It is an excellent Compoſition, works exceeding well, but nothing near ſo violent as the former.

15. *Pulvis ex tribus*, Pouder of three things.

℞ *Scammony, Gutta Gamba, Jallap, A.* ʒj. *pouder apart, and mix them.*

It is good in Gouts and Dropſies, the Jaundice, and all watery humors, which it expels to a wonder. Doſe *ad* ℈j. Some make it thus: ℞ *Scammony, Gutta Gamba, A.* ʒj. *Elaterium* ʒſs. *pouder and mix them.* Or thus, ℞ *Scammony, Gutta Gamba, Colocynthis, A.* ʒj. *pouder and mix*: Or thus. ℞ *Cambogia, Jallap, A.* ʒj. *Elaterium* ʒ ſs. *pouder and mix.* Or thus: ℞ *Cambogia Jallap, Colocynthis, A.* ʒj. *pouder and mix.* Or thus: ℞ *Jallap, Sena, A.* ʒj. *Elaterium* ʒſs. *mix them.*

16. *Pulvis ex Hydrargyro*, Pouder of Quick-ſilver.

℞ *Quick-ſilver, Sal prunella, A.* ʒj. *rub them together till the Quick-ſilver is perfectly poudred: then to that pouder add in fine pouder Scammony, Cambogia, A.* ʒj. *Elaterium* ʒſs. *mix them well together.*

It purges all humors, and is profitably given in the Gout, Dropſy, Jaundice and French Pox, as alſo in pains and aches; but it ought to be given with great caution, for fear of michief, or ſome dreadful ſymptoms: if given by a Learned hand, it may kill Worms in Children. But here is to be noted, that ſome in ſtead of *Sal Prunella*, uſe the ſame quantity of flowers of Sulphur.

17. *Pulvis Heſſij*, Heſſius his Pouder againſt the Plague.

℞ *Camphir, ſugar Candy, A.* ʒj. *Ginger* ʒij. *make a fine pouder*: This is the true Compoſition, but it will be better if you make it thus: ℞ *Camphir, Bezoar Mineral,*

ral, A. ℥j. *Cochinele, Ginger, A.* ℥ij ſs. *make a pouder as aforeſaid.*

It is an admirable Antidote againſt the Plague, being given *ad* ℈j, or ℥ſs in Treacle Water, Treacle Vinnegar, or the King of *Poland*'s Vinegar, and ſo to be in Bed, and to ſweat upon it.

18. *Pulvis Antipeſtilentialis*, A Pouder againſt the Plague.

℞ *Camphir* ℥j. *Bezoar Mineral, ponder of Vipers, Cochinele, Saffron, flowers of Sulphur, Carlina, Petaſites, A.* ℥ſs. *make each a fine pouder apart, then mix them.*

The Virtues, uſe and Doſe are the ſame with the former, ſave this is the more powerful, and the better Compoſition.

19. *Pulvis ſudorificus Barbetti*, Barbets Sweating Pouder.

℞ *Flos ſulphuris, Antimony Diaphoretick, ſalt of Carduus, ſal Prunellæ, A.* ℥j. *make all into a fine pouder.*

It is an excellent thing to provoke Sweat; and the Author ordered it to be given to ſuch as were troubled with the Scabs. It is certainly a good thing. Doſe ℈ij.

20. *Pulvis reſtorativus Barbetti*, The reſtoring pouder of Barbet.

℞ *Comfry roots, fine Aloes, Quick-lime, A.* ℥ij. *Maſtich, Myrrh, Mummy, A.* ℥ij. *precipitate* ℥ij, *make all into a pouder.*

It is an excellent thing to incarnate, conglutinate, dry and heal: but in my Opinion the proportion of the Precipitate is too large, ℥iiiſs. is enough.

21. *Pulvis Agricolæ*, Agricola's Aſtringent pouder.

℞ *Sacharum Saturni, Olibanum, red Myrrh, A.* ℥j. *Saffron, Camphir, A.* ℈j. *pouder and mix, which wet often with Frog ſpawn water, letting it dry every time.*

It is deſigned to ſtop bleeding, having the Virtues of that of *Crollius*, in Our *Pharmacopœa, lib.* 4. *cap.* 21. *ſect.* 76.

22. *Pul-*

22. *Pulvis Astringens*, A pouder stopping Blood.

℞ *fine Aloes, fine Bole, sanguis Draconis, Frankincense, Myrrh, Ā.* ℥j. *pouder them small, and put thereto the Ashes of an old Hat burnt* ℥ss.

It is designed to stop the flux of Blood in Wounds or otherwise, for which it is an exceeding good thing, you may use it as we have directed in Our *Synopsis Medicina, lib.* 3. *cap.* 25. *sect.* 20.

23. *Pulvis Stypticus Mindereri*, Mindererus his pouder stopping Blood.

℞ *Mans Blood (or in place thereof) Lambs or Sheeps Blood, a sufficient quantity; let it stand in a clean earthen Vessel, till the Serum be parted from it, which pour off, dry the Blood in a new glazed Earthen pipkin, upon hot Embers, then pouder it. Take of this pouder* ℥iij. *burnt Allum, fine Tragacanth in pouder, Ā.* ℥j. *Crocus Martis or red Earth of Vitriol, out of which the Salt is extracted* ℥vj. *mix and keep them for use.*

It prevails in stopping all fluxes of Blood whatsoever, if the flux is so impetuous as that it washes it away in the the first application, wipe the Wound again, and strew it on the second time thicker and firmer, then bind up the Wound with *Emplastrum fantalinum*, or *Ceratum ex pelle Arietina*. The Author prescribed only Sheeps or Lambs Blood; but we by our own Experience have found it much more effectual, being prepared with Mans-blood, which is indeed also a kind of Mummy.

24. *Pulvis Sternutatorius Deckeri*, Deckers sneezing Pouder.

℞ *Turpethum Minerale*, gr. x. *Liquoritiæ pouder* ℥ss. *mix, and make a very fine pouder.*

The Author gave it with success in a Lethargy, which moved at first time a little sneezing, after the sick found a pain in the Head, and a little burning: the next day

a little more of it was blown up his Noſtrils, upon which there followed ſo great a quantity of *Pus*, mixt with Blood, both from Noſtrils and Mouth, that he ſays, that unleſs he had ſeen it with his Eyes, he could not have believed it. This powder he uſed during the whole Cure, which in a ſhort time was accompliſhed. We have alſo cured a Woman of an *Amaurosis* with the ſame.

25. *Pulvis ad Suffocationem Matricis.* A powder for Fits of the Mother.

℞ *Magiſtery of Engliſh Tin, ſalt of Harts horn, red Coral prepared, A.* ℥ij. *rectified Oyl of Amber* ℥j. *mix, and keep for uſe.*

The Title ſhews the intention, for which it is a moſt excellent thing, even in the moſt deſperate caſes. Doſe a gr. x. ad ℈j. in Hyſterick water in the height of the fit; taking it alſo three or four mornings after, to prevent its return.

26. *Pulvis Hystericus*, A powder for the Womb.

℞ *The Callous of Harſe-Leggs* ℥ij. *Aſſa Fœtida, horn and hoof of a Goat, A.* ℥ij. *reduce them into a groſs powder.*

It is one of the moſt certain and ſpeedy remedies againſt the Suffocation of the Womb, or fits of the Mother. Caſt about ℥j. hereof upon live Coals, and let the ſick receive the ſmoak into the parts affected through a Funnel.

27. *Pulvis Antepilepticus Magiſtralis Noſt.* Our Magiſtral powder againſt the Epilepſy.

℞ *Cryſtal of Luna, Mineral Cinnaber, red Coral, Oriental Bezoar, Caſtoreum, Hyacinths prepared, A.* ℥j. *Mans-ſkull, Salt of the ſame, Elks Hoof prepared, Muſk, Peacocks Dung, Miſſelto of the Oak, A.* ℥vj. *Amber, Pearl prepared, Saffron, Peony ſeeds and roots, A.* ℥ſs. *Leaf Gold* ℈ij. *mix and make a powder.*

It is a great ſpecifick in curing the Faling-ſickneſs, whether in old or young:

Doſe

Dose à gr. viij. *ad* ℈j. or ℥ß. every morning fasting, in Black Cherry Wine, and but twice a Month, *viz.* just before the new and full Moon for preservation.

28. *Pulvis Caustieus Barbetti*, The Caustick pouder.

℞ *crude Sulphur, white Arsenick, crude Antimony, A.* ℥ij. *the Sulphur being melted by a gentle fire, and stirred about with a Spatula, put in the Arsenick and Antimony in pouder, which mix till they are incorporated with the Sulphur and look red: then* ℞ *of this mixture* ℥j. *Caput Mortuum of Vitriol* ℥ß. *mix and make a pouder, which wash six times in S. V. and dry it for use.*

The intention of this pouder is to make Issues with, which it doth without pain; for which cause we commend it to all the lovers of Art. By the Opinion of some Learned and Experienced Chyrurgians, it much exceels the *Lapis Infernalis*, for the facility and easiness of its Operation. Issues are often made in the Joynts, but oftner between the Joynts. In the Arms between the Muscles *Deltois* and *Biceps*. In the Thigh two fingers breadth above the Knee on the inside. In the Leg (the upper part) two fingers breadth below the Knee. Or (in the lower part) two or three fingers breadth above the Ankle. This Caustick is much to be commended also in Excrescencies, and in sordid and cancerous Ulcers.

29. *Pulvis febrilis ex Mercurio*, A Mercurial Feaver pouder.

℞ *Mercurius Dulcis ten times sublimed* ℥iß. *Mercurius Vitæ* ℥ß. *mix them: if it be for weak constitutions, use the Mercurius Vitæ which is corrected.*

This works upwards and downwards, if you make it with the *Mercurius Vitæ* uncorrected; otherwise only downwards. By reason of the *Mercurius Dulcis*, the Humors are made both more slippery, and the Emetick is also much corrected there-

thereby. It may be given to all Ages and Sexes. To Children you may give gr. vj. in the pap of an Apple, encreasing the Dose according to age and strength, *ad* ℈j. or more. It cures all intermitting Feavers to a Wonder.

30. *Pulvis Aureus Rolfincij*, The Golden Pouder of Rolfincius against Agues.

℞ *fine Gold (dissolved in* A.R.) *Glass of Antimony (dissolved in* ℞) *A.* ℥ ß. *Quick-silver (dissolved in* ℞) ℥iij. *mix the dissolutions, and distil* 12 *times through an Alembick, in an indifferent sand heat, reiterating the distillation each time by Cohobation. Upon the pouder at bottom, put* S.V. *rectified, which abstract from it six times; then Calcine the pouder in a Crucible, almost to a red hot heat, by putting the fire above and below, and round about it; then mix it with double weight of Scammony.*

Rolfincius, the Author of this Medicine, saith, that this is the Feaver frighter of *Riverius*; but it corresponds not in all its parts with his Description, and the Nature of a true Febrifuge. Yet certainly it is an admirable thing against all sorts of Feavers, taking away the morbifick matter, both by Vomit and Stool. Dose gr. x. *ad* ℈j. in Conserve, Sugar, or Honey of Roses, or other fit Vehicle.

31. *Pulvis Rubrus*, seu *Mercurius Rubrus Diaphoreticus*, Red Diaphoretick Mercury.

℞ *purified Quick-silver, grind it well with Niter, Vitriol calcined, and Alum calcined* ana: *sublime the Mercury in a Cucurbit, in the head will ascend white flowers, which are useless, and to be cast away: by the sides of the body will stick yellow Flowers, which separate apart, and on the* Caput Mortuum *will lye Mercury sublimed red as Cinnabar, which carefully take off: grind the said red Mercury, and likewise the yellow with fresh Niter, Vitriol and Alum, sublime*

ming the Mercury as before, which repeat again the third time. This done, take (in the third ſublimation) the red Mercury only (which lay on the Caput Mortuum) *grind it with equal quantity of flowers of Sulphur and ſal Armoniack ſublimed from Calcined Vitriol; being all well ground together, ſet them to ſublime in a ſublimatory glaſs, and what ſublimes grind again with what remained unſublimed, and ſublime as before; which work of grinding and ſubliming, reiterate five times; ſo will the Mercury be found in the bottom of the glaſs of a very deep red color.*

This is a true diaphoretick Mercury, very powerful in extirpating all obnoctious humors in the body. It cures perfectly a Perepneumonia, Empyema, and a Pleuriſy, and that without Blood-letting; diſſolves all coagulated Bodies, and roots out the very eſſence of the Pox, Gout, Scurvy, Leproſy, and many other inveterate Diſeaſes. Doſe à gr. vj. ad xij.

32. *Pulvis Viperinus*, Pouder of Vipers.

℞ *the Bodies of Vipers, bones and all (caſting away the Skin, Head, Tail, and Entrals, the Hearts and Livers excepted,) as many as you pleaſe, and hang them up to dry in the ſhade: when they are throughly dryed, ſhred them very ſmall; and in a large Braſs or Iron Mortar, beat them to pouder, which ſearſe, and keep in a glaſs cloſe ſtopt for uſe.*

This pouder is repleat with Volatile Salt, (with which this Animal abounds) by virtue of which it penetrates and opens all the pores in Mans Body, even in the moſt remote parts, though never ſo cloſed or glewed together: It is a ſpecifick againſt Scabs, Itch, Morphew, breakings out, Eryſipela's, and Leproſies, more eſpecially. It is one of the beſt (if not the very beſt) of Medicines in the World againſt *Conſumptions*, and other Diſeaſes, which macerate, waſt, and conſume the Body, as Obſtructions of the Spleen,

Me-

Melancholy, tedious Agues, &c. It gives eminent relief in Phthisicks, Asthma's, Obstructions, Ulcers, and other Diseases of the Lungs. It restores plumpness of the Body, makes fleshy, nourishes much preserves the natural heat, and restores the radicial humidity. It is also a notable Counter-poyson, and very prevalent against Epidemical Distempers, as well to prevent, as overcome all occult and malignant Venoms, especially those of the Viper, and bitings of all sorts of Serpents. Dose a gr. x. *ad* ℈j. or ℈s. and sometimes to ℈j. in a morning fasting, in Broth, Wine, Conserve, or other Cordial Vehicle. It works by insensible transpiration, not provoking Sweat, unless the Dose be great. You may give it for a Month or two together. If you make the pouder into Balls with Gelly of Vipers, and so dry them, it will keep the better and longer.

℞

33. *Pulvis Cathereticus*, The eating pouder.

℞ *Burnt Alum scarsed* ℥iij. *Verdigrise, burnt Vitriol, burnt Auripigment, a* ℥j. *all in fine pouder; mix them well together.*

It is an excellent thing to scale and exfoliate Bones; it eates and takes away proud and dead flesh, drys much, and stops the weeping or watering of the Nerves and Joynts; you may use the pouder dry: sometimes it may be mixt with an Oyntment, at other times when drying is chiefly designed, you may put it into water, and wash with the Water; I assure you it is no mean thing.

34. *Pulvis*, seu *Crocus Martis Aperitivus per rotem*, Crocus of Iron by Dew.

Take many Iron Plates, and lay them out in the Dew for a good while, that they may rust strongly; gather this Rust, and expose them as before, thus do till you have pouder enough.

§ 1. Here is to be noted, that Iron is better than Steel, because it is more easily dissolved, and so better yields

in

its Salt in which the Virtue lyes. § 2. That though this preparation is long, yet it is much better than all the Preparations extant of the opening Crocus. § 3. That the Dew is impregnated with the Powers of Heaven, and with a dissolvent that opens mightily the body of the Iron, so that embodying its self with it, it makes the Mars more active and soluble than it was before. § 4. It is excellent for Obstructions of the Liver, Spleen and Mesentery and Pancreas, cures the Green-sickness, helps the stoppage of the Terms, Dropsies, Cachexies, and other Diseases proceeding from Obstructions. Dose a gr. vj. *ad* ℈ij. in Lozenges, Electuaries, or some purging Bolus: but you ought alwaies to purge and moisten the person you give it to, with some proper Purge, and with broths, lest finding the passages of the small Vessels filled and obstructed, it should make yet greater obstructions, and causes Inflamations and pains much like to the Cholick.

35. *Species Diajovis Mynsichti*, Mynsichts pouder of Jupiter Compound.

℞ *Facula of Bryony roots* ℥ss. *Salts of English Tin, of Mother of Pearl, of red Coral, A.* ℥iij. *roots of white Dittany, of Peony, A.* ℥ij. *white Amber prepared, best Saffron, Misseltoe of the Oak, Cloves, A.* ℥j. *choice Castor* ℈j: *mix, and make of all a subtil pouder.*

It is an exceeding good thing in the most vehement and desperate fits of the Mother, or strangulation of the Womb; so that it seems to be as it were a blessed Medicine, and a Gift sent from God to women-kind: It removes the Disease when at worst, even to admiration, for which divine Remedy (saith he) the name of God ought to be blessed: Dose à ℈j. *ad* ℈jss. for three or four mornings, not intermitting, and in the time of the Fit in *Mynsichts* Hysterick Water, or other fit vehicle.

36. *Species Diamartis Myn-*

Mynſichti, Pouder of Iron Compound.

℞ *Tormentil roots, Nutmegs, Turkiſh Galls, A.* ℥ſs. *Magiſtery of red Coral, Croci Hematitis, Croci Martis, made by Calcination*, ana ℥ij. *choice Zedoary, Calamus Aromaticus, white Amber prepared, roots of Cinkfoil, Cloves*, ana ℥ij. *Aſhes of a Spunge, fine Bole prepared, Terra Sigillata, Acacia, A.* ℥jſs. *ſeeds of Plantane, Anthera Roſarum, or the little Threads and Seeds in the middle of the Roſe* ana ℈iiij. *Harts-horn, Mans-Bones Hermetically calcin'd*, ana ℥j. *Plumous Alum, calcined, Anima Vitrioli*, ana ℥ſs. *mix and make all a moſt ſubtil pouder.*

It corrects the ſoftneſs of the Stomach, and diſpoſition to Vomit, is prevalent againſt the Dyſentery, Cœliack paſſion, and purulent and bloody Excretions, which it wonderfully helps, and is alſo very profitable in a Gonorrhœa. It ſtops the Hæmorrhoids, incontinency of Urine, and bleeding, being applyed thereto in a Lotion: It perfectly ſtops the overflowing of Womens Courſes, and other fluxes of Blood, Hæmorrhage, or bleeding at Noſe, *&c.* Doſe à ℥j. and ℥ſs. *ad* ℥j. in any proper Vehicle.

37. *Species Diavenerei Mynſichti*, Mynſichts pouder of Copper Compound.

℞ *Sulphur of the Vitriol of Venus ſublimed* ℥ſs. *Borax* ℥iij. *ſeeds of Birds-Tongue, of Rocket, of Carrots, of Nettles, of Leeks: roots of Pyrethrum, white Pepper, Deers Muſhrooms*, ana ℈iij. *Galanga the leſs, white Ginger, Cinnamon*, ana ℥j. *Seal Skink prepared, Magiſtery of Pearls, Saffron*, ana ℥ſs. *Cantharides prepared, Ambergriſe*, ana ℈j. *Muſk, Oyl of Mace*, ana ℈ſs. *mix and make of all a moſt ſubtil pouder, to which add white Sugar Candy*, ℥jſs. *mix and keep them for uſe.*

It is prevalent againſt Barrenneſs, and impotency in either Sex. *Contra actum venerei defectum efficaciſſimum, immò omnium valid diſſimum*

diffimum & extremum experimentum eſt: propterea qui amice ſua placere cupit, & ſe virum ſtrenuum vult probare, copiat; poſt cœnam, vel ſi ſtatim effectum quærit, eundo cubitum, aut ſi ſucceſſive operari debet, mane à ℈j, ad ℈ij. & ℥j. in latte tepido, vel vino generoſo. It may be prepared alſo without Cantharides.

38. *Species Diamercurij Mynſichti*, Pouder of Mercury Compound.

℞ *Wormſeed* ℥xiij. *Mercurius Dulcis* ℥v. *choice Rhubarb, Gummy Turbith, Cyradina,* ana ℥ij. *Harts-Horn raſped, red Myrrh,* ana ℥j. *tops of Centory the leſs, of Tanſy, Camphir,* ana ℈j. *Oyl of Haule Wood diſtilled* per Deſcenſum, *ſpirit of Vitriol,* ana ℈ß. *mix, and make all into a moſt ſubtil pouder.*

It is given to kill Worms, in the decreaſe of the Moon, which it doth powerfully, being given à ℈j. ad ℥ſs. or j. *pro ætatis ratione:* you may give it in milk, it expels them by ſtool, and brings forth and frees the body from Worms of all kinds. You may alſo give it in ſimple Wormwood Water, or waters of Centory the leſs, of Tanſy, or of Nettles; alſo in Oxymel of Squills, Syrup of the Juyce of Citrons, or other things proper for Children.

39. *Species Diaſulphuris Mynſichti*, Pouder of Sulphur Compound.

℞ *Lac Sulphuris, flores ſulphuris,* ana ℥ſs. *Spaniſh Juyce of Liquorice cleanſed, Cardamoms the leſs, Terra Sigillata,* ana ℥vj. *ſeeds of Nettles, of Quinces, choice Cinnamon, white Ginger, Nutmegs, Saffron, long Pepper, Mace,* ana ℥iij. *Tragacanth, Orrice root, red Poppy flowers, Maſtich, Cremor Tartari,* ana ℥iſs. *mix and make a pouder, to which add Chymical Oyls of Hyſſop, Fennel, Sage, Aniſe and Cammomil,* ana ℥j. *then keep them for uſe.*

It is prevalent againſt old Coughs, difficulty of breathing, and a Chronick Aſthma. The various and thick humors in the Stomach and Breaſt, it cuts and makes thin;

thin: It preſerves from and cures the Phthiſis, extenuation of the Body, the Pleuriſy, all ſorts of putrefaction and Apoſtems, all Diſeaſes of the Thorax or Breſt, even to admiration, and that beyond all other Medicines: It helps a hoarſe Voice, ſtops Catarrhs, and Fluxions of Rheum from the Head. It is ſaid to be alſo good to prevent the Podagra, Sciatica, and other Arthritick Dolors. It is alſo a *Prophylacticon* or preſervative againſt Epilepſies, Apoplexies, Convulſions, Cholick, Dropſy, Leproſy, *Lues Venerea*, &c. Doſe *a* ℈j. *ad* ʒj. morning and Evoning, in a proper Vehicle.

40. *Aurum Moſaicum*, The Moſaick Gold.

℞ *of the beſt Tin* ʒij. *crude Mercury*, q.s. (*or* ʒj.) *make with what Art you can an Amalgama, putting the Crude Mercury to the melted Tin, and ſtirring them together: then pouder them well, and mix with flowers of Sal Armoniack* ʒj. *flowers of Sulphur* ʒj. *being well mingled, ſublime in common Organs, ſo have you the Moſaick Gold.*

It is highly ſudorifick, and prevails againſt Fits of the Mother, you may give in any fit Electuary, Conſerve or Pulp, to ℈j.

41. *Pulvis regalis Noſtr.* Our Royal Pouder.

℞ *Stammony, Gutta Gamba*, ana ʒij. *Reſin of Jallap, Tartar Emeticum of Myndicht*, ana ʒj. *Elaterium, Cloves, Nutmegs, Bedoar, Saffron, all in fine pouder*, ana ʒij ſs. *mix and make a fine pouder.*

It cures the Gout, Dropſie, Jaundice, Sciatica, Kings Evil, Fiſtula's, and other the like old, ſtubborn and rebellious diſeaſes, taking them away by the Roots; it may alſo be given to ſuch as have a Cachexia, and Virgins which have the Green ſickneſs, and is found very profitable againſt old Ulcers, Scabs, Morphew and other breakings out of the skin. It empties the Stomach and Bowels of all their filth, and performs deſperate Cures almoſt to a miracle. Doſe

gr. x.

gr. x ad xx or xxv. in very ſtrong Bodies.

42. *Pulvis rubeus Pannonicus*, the Hungarian red Pouder.

℞ *fine Bole prepared* ℥ iij *Lemnian Earth* ℥ij: *white Coral prepared* ℥ vi: *Spodium, Pearls prepared* Ā ℥v: *red Coral prepared, Emeralds, Saphirs, Rubies, Jacinths, Unicorns-horn, all prepar'd,* Ā. ℥iv: *Roots of Tormentill, Doronicum, yellow Sanders, white Sanders,* Ā ℥iii. *choice Cinnamon, outward Rind of Citrons, Sarrel ſeeds,* Ā. ℥ij *Cloves, Camphir, Saffron,* Ā ℥j: *Leaves of the moſt fine Gold,* N° xxxv. *every thing being prepared by it ſelf: let the fine pouders be mixed together, to make the Compound.* S. A.

This pouder is uſed in many parts of the World, chiefly in *Germany*, *Poland* and *Hungary*, againſt all manner of Poiſon, the biting of mad dogs, or other Venomous Creatures, as alſo againſt the Meaſles, Small Pox, and the Infection of other contagious Diſeaſes, as the Plague, *&c.* in all which it expels the malignity, and ſtrengthens the noble and vital Parts. It is given ℈ j *ad* ℥ ſs or ℨ j), mixt with ſome Cordial Water, or proper Syrup, as Syrup of Clove-gilli flowers, Citrons, Limons, *&c.*

43. *Pulvis Deſiccativus Sculteti*, The drying Pouder of Sculterus.

℞ *Pomgranate flowers, Red Roſes, Red Sanders,* ana ℥ iij: *Camphir* ℥ ß: *mix them and make all into a fine pouder.*

It drys up any Excoriation or Galling immediately, and moſt ſpeedily takes away the Inflamation and pain. It is alſo profitable againſt the Excoriation of Children ariſing from the ſharpneſs, or other ill properties of the Milk, ill diet, or looking after.

44. *Pulvis Magiſtralis Sculteti*, A Magiſtral pouder of Sculterus.

℞ *Calx of Porphery ſtone ſweetned by manifold waſhings, (that is freed from its*

℥iv: *wood of Aloes, yellow Sanders*, ana ℥j: *Orrice* ℥j: *Musk* ℈j: *mix, and make a pouder. To every ounce of which (as you use it) add of crude Roch Alum* ℥j *which is nigh* ℥vij *to the whol.*

It is an admirable thing to cleanse and whiten the Teeth, to keep and preserve them from Putrefaction; and to fasten them if they be loose. But *Sculletus* after rubbing the Teeth with this Pouder, caused them presently to be washed with this following Decoction: ℞ *Roch Alum* ℥ij: *Balaustines, Red Roses, Myrtles, A. P. ß. Bugle P. j. boil them in rough red Wine,* q.s. *to* ℔j ſs. *strain out, and wash the Mouth therewith.*

45. *Pulvis Cathereticus Sculteti,* The eating Pouder of Sculletus.

℞ *Caput Mortuum of Vitriol, burnt ſponge, A.* ℥j: *mix and make a pouder.*

It eates away and consumes fleshy excrescencies on the fingers or toes, or other parts, being applyed thereto with Lint; afterwards (the Excrescence being taken away) you may Cicatrize with the *Ceratum Divinum Sculteti.*

46. *Pulvis Catharticus Sculteti,* The Purging Pouder of Sculletus.

℞ *Rhubarb elect in fine pouder* ℥j: *Jallop in fine pouder* ℈j: (*or its Resin gr.* viij) *Cremor Tartari in pouder* ℈ß: *mix them together for a doſe.*

It is a neat and pleasant Purge, carries off hot fiery & Cholerick humors, as well as cold and watery, and is very profitably given in a Cachexia, Chlorosis, Dropsy, Jaundice, and Eryſipela's, in which last case Experience has mightily commended it, for by taking of this Pouder, and applying the *Linimentum ſimplex*, an Eryſipela's been made to vanish in four dayes: In stead of the *Linimentum ſimplex* you may use *Unguentum è ſolano*, from which it little differs.

47. *Species Diavitrioli Mynſichti,* Compound Pouder of Vitriol.

℞ *Galanga the leſs* ℥j: *Magiſtery of Vitriol, roots of water*

water Acorns ℥ ß: *long peper, seeds of Ameos, Zedoary, A.* ℥ ij: *biting Cinnamon, Calamus Aromaticus, Mace, A.* ℥ i ß: *Cardamoms the leß, white Ginger, Cloves A.* ℥ j: *Saffron, Indian Spiknard, lignum Aloes, A.* ℥ ß: *beſt Musk, Ambergriſe A.* ℈ ß: *mix and make a pouder.*

It reſiſts Putrefaction of the Stomach, and is good againſt cold and moiſt humors and flegm lodged there, it ſtrengthens the concoctive and digeſtive Faculty, takes away lothing and ſtaies vomiting. It conſerves the natural heat, and warms thoſe parts which are cold. It expels groſs Wind, and takes away acid Belchings and Heart-burnings. It takes away the ſtinking of the breath ariſing from default of the Stomach. Doſe á ℈ j ad ℥ ß or ℈ ij.

48. *Species Dianitri Mynſichti*, Compound Pouder of Niter.

℞ *Cryſtals of Niter (prepared with ſpirit of Wine and Vitriol)* ℥ j: *Salts of Pearch ſtones, of Crabs Eyes, of white Amber, A.* ℥ ij: *Roots of Filipendula, of Liquorice, A.* ℥ j ß: *Seeds of little nettles, of the greater Bur-dock, of Saxifrage, of Gromwell, of Broom, A.* ℥ j: *Bay-berries hulled, Juniper-berries, A.* ℈ jv: *biting Cinamon, white Ginger, Saffron, long Pepper, Mace, A.* ℈ ij: *of a Hare burnt, Goats blood prepared, Ponder of Ceterach, red Sanders, A.* ℥ ß: *Jows prepared* ℈ j: *pure white ſugar* ℥ iv: *mix and make all a moſt ſubtle pouder.*

It's an Experiment in breaking and expelling the ſtone and Gravel out of the Reins and Bladder: let it be given in the morning faſting, in a ſpecifick Vehicle à ℈ j ad ℥ ß.

49. *Species Diatartari Mynſichti*, Pouder of Tartar Compound.

℞ *Tartar Vitriolate, Magiſtery of Scammony, A.* ℥ ij: *White Gummy Turbith, white Hermodacts A.* ℥ ß: *Oyls of Cloves and Cinnamon, A. gut. x. mix and make a pouder.*

It reſolves all Tartarous

Coagulations through the universal body, and pleasantly takes away every arthritick Defluxion, upon any member whatsoever, by purging by stool. It plentifully carries off Choler and Flegm, and cures an Anasarca. It cleases the skin of all manner of filth, as Scabs, Leprosy and such like. It also cures the Scurvy, and eases all pains of the Joynts. Dose à ℥ ß *ad* ℥ j.

50. *Species Diacrystalli Mynsichti*, Compound Pouder of Chrystal.

℞ *of the dug of a young red Heifer, boild in Wine and dryed* ℥ j: *long Pepper* ℥ v: *Crystal prepared* ℥ iv: *Pearls prepared* ℥ ij; *Seeds of Borrage, Fennel, Lettice and Nigella, A.* ℥ j: *roots of Tragopogon or Goats beard, of the milk, Thistle, wild Rape, A.* ℥ ß: *fine Sugar* ℥ iij: *make of all a most subtil pouder.*

It is a good thing to increase Milk in Nurses, and to amend the evil disposition of those parts: for bringing milk immediately into the dugs it is a secret. Dose à ℥ ß *ad* ℥ j: morning, noon and night, in drink, broth, water of Ladies Thistle or other convenient Vehicle.

51. *Species Diasuccini Mynsichti*, Pouder of Amber Compound.

℞ *White Amber prepared,* ℥ ß: *Magistery of red Coral, Nutmegs toasted, fine Bole, Emeralds prepared A.* ℥ ij; *Crocus Martis made by reverberation, Sanguis Draconis* ℥ j ß: *Styrax Calamita, burnt Harts horn prepared, Laudanum opiatum, A.* ℥ j: *Threads in the middle of Roses, Plantain seed, flowers of Corn Poppies, A.* ℥ ß: *Cloves, Mace, Cinnamon, Saffron, A.* ℈ j: *mix, and make a pouder.*

It obtunds and stops all Fluxes of the Bowels, and takes away the corroding and pungent quality of viscous and tartarous Salts. It cures the bloody Flux, and other bloody Excretions. Dose à ℈ j *ad* ℥ j. in some proper Vehicle.

52. *Species Diacretæ Mynsichti*, Pouder of Chalk compound.

℞

℞ *white Chalk prepared with roſe-water* ℥ iij: *Nutmegs* ℥ij ß: *Liquorice, Quince ſeeds* ℥ j: *fine bole, Coral prepared, A.* ℥ ß: *Carp ſtones prepared with Plantane Water, Mace toſted, Maſtich, Saffron, A.* ℈ j: *white Sugar* ℥ iij: *mix and make a fine pouder.*

It is a Catholicon in all heats of the Stomach and heart burnings, ariſing either from the boyling of Choler in the Ventricle, or fermentation of four Humors, coming from a tartarous matter. Doſe à ℥ ß ad ℥ j: in the Paroxyſm, continuing it till the fit is over.

53. *Species Diaborracis Mynſichti*, Pouder of Borax compound.

℞ *Venetian Borax* ℥ ß: *Caſſia lignea, Saffron A.* ℥ j: *raſpings of Savin wood, white Amber prepared, A.* ℥ ß: *bone of a Stags heart, Miſteto of the Oak, Wall-flowers A.* ℈ ſ: *mix and make a fine Pouder.*

It facilitates both Birth and After-birth; as alſo the dead Child: and gives ſafe delivery to ſuch as uſe to have dangerous and difficult labor. It is a preſent Remedy. Doſe à ℈ j *ad* ℥ j; in waters of Cinnamon, Wall-flowers, Mugwort, or generous Rheniſh Wine.

54. *Species Terebinthina Mynſichti*, Pouder of Turpentine Compound.

℞ *Turpentine boyled to a ſufficient hardneſs (in water of Citrons)* ℥ ij; *Reſin of Scammony* ℥ j: *beſt Turbeth* ℥ vi: *Tartar Vitriolate, Hermodacts A.* ℥ iij: *Species Lithontribon* ℥ ij: *Saffron, Mace, A.* ℥ j: *Sugar of Violets tabulated* ℥ jv: *mix and make a pouder, to which add oyls of Anniſe, of Orange peels, of Cloves, of Cinnamon and of Fennel, A.* ℈ ß. *mix again and reſerve it.*

It is a moſt excellent Cathartick, and an admirable Expedient for curing the Gout, Cholick, Gonorrhœa, Dyſury, Strangury, ſtone in Reins and Bladder, and other Vices of the Urinal Paſſages. Doſe à ℥ ſs ad ℥ j or ℥ jſs in Capon-broth, decoction of Peaſe, or in Beer, Rheniſh-wine, Bawm or Juniper-water.

55. *Species Diamumiæ Mynſichti*, Pouder of Mummy compound.

℞ *of the beſt Tranſmarine Mummy, magiſtery of Pearch ſtones, A.* ℥ ij: *Goat's blood prepared, Cloves, Sperma Cæti, A.* ℥ j ß: *roots of Madder, of Swallow wort, of Tormentil, A.* ℥ j: *white Amber prepared, ſalt of Coral, fine bole, A.* ℥ ß: *mix and make a ſubtil pouder.*

It is an excellent thing for a fall from a high place; for inward bruiſes, and to diſſolve Coagulated Blood; to conſolidate Ruptures and Fractures, and glutinate inward wounds. It (being taken) prevents Apoſtems which may be occaſioned by falls from high places. Doſe â ℈j ad ℥j in generous wine, or Comfrey-water.

56. *Species Diaolibani Mynſichti*, Pouder of Olibanum compound.

℞ *Peony roots, Orrice, A.* ℥ iij: *Olibanum* ℥ j ß: *Elks hoof calcined without fire, magiſtery of Mans skull, Saffron, Miſleto of the Oak, A.* ℥j: *Sugar Penids, q. s. mix and make a pouder.*

It was invented to cure Epilepſies, Apoplexies, ſuffocative Catarrhs, Coughs, &c. for which it is a good thing; it comforts the Head, brain and heart, and preſerves them from Diſeaſes. Doſe â ℈ ſs *ad* ℥ſs: or ℈ij.

57. *Species Diapeti* ſeu *Diatabaci Mynſichti*, Pouder of Tobacco compound.

℞ *the beſt Indian or Spaniſh Tobacco, prepared with Oyl of Aniſeeds* ℥ ß: *roots of white Hellebor, of Lilly convally, of Pyrethrum, A.* ℥ ß: *ſeeds of male Peony, Lavender-flowers, Roſemary, Marjoram, Origanum, A.* ℈j *long Peper, Gambogia, Agarick trochiſcated, Gallia Moſchata, A.* ℈ ß: *mix and make a Groſs or fine pouder according to the Intention.*

It is to be taken in a Pipe, let the Pouder be groſs, or only cut ſmall as Tobacco for ſmoaking: but, if by the Noſtrils, as a ſternutatory, let it be very pure and fine. Uſed frequently as a ſternutatory or ſneezing Pouder, it cleanſes

cleanſes the head and brain of all cold, moiſt, ſalt, viſcous and pituitous humours, and ſtrengthens the head and brain, whereby it becomes prevalent in all Head-achs; Catarrhs, Vertigo's, Epilepſies, Lethargies, and other the like Diſeaſes proceeding from an obſtruction of the brain, and the aforeſaid ſuperfluous humors: you may ſnuff up the Noſtrils the quantity of a grey Pea, every night going to bed (about two hours after Supper) Or, if the wether be not cold, every morning faſting; it largely draws away all evil humors, both thick and thin.

58. *Species Diamajorana Mynſichti*, Pouder of Marjoram compound.

℞ *ſweet Marjoram ſprinkled with its proper oyl* ℥ ij: *weighty wood of Aloes* ℥ j: *Cubebs* ℈ j: *Ambergriſe* ℈ ſs *flowers of Lilly Convally* ʒ ß *mix, and make all into a fine pouder.*

This uſed as a ſneezing pouder, has the Virtues of the former: it cures an inveterate Headach, ſpecially when all other things fail: the Doſe and way of uſing is the ſame with the former.

59. *Species Dialauri Mynſichti*, Pouder of Bay-berries compound.

℞ *Bay-berries, baked in a proper Pot covered with Dough, with a Batch of bread, then hulled, more perfectly dryed and pondred* ℥ j: *flowers of Centory the leſs* ʒ iij: *Madder, red Myrrh, Saffron A.* ℥ j: *round Birthwort-roots, leſſer Cardamoms, leſſer Galangal, A.* ℈ ij: *Oyls of Salts of Cinnamon and Savin A.* ʒ ß: *mix, and make a fine pouder.*

It wonderfully opens all Obſtructions of the Womb, and powerfully brings down the Terms though never ſo long ſtopt, and makes them flow largely. Doſe ℥ ʒ ß *ad* ʒ j: in Decoct. of Savin, or Tinct. of Saffron in Wine twice a day, in the morning faſting, and at night going to bed, and to be continued till the Flux of Blood appears.

60. *Species Diaeſula Mynſichti*,

ſichti, Pouder of Eſula compound.

℞ *of Eſula the leſs in fine Pouder, ſpecies Diarrhodon Abbatis, A. ʒj: white Hellabor prepared, ſalt of white Vitriol, A. ʒij: ſpaniſh juyce of Liquorice, red Sanders A. ʒj: beſt Cinnamon, Orrice, Ginger A. ʒij: Magiſtery of Pearl and of Red Coral, A ʒj: Elæoſaccharum of Cloves, Nutmegs, Maſtich, A. ʒß: mix and make a moſt ſubtil pouder.*

It is profitable againſt all Feavers, quotidian, tertian and burning; and againſt all Infirmities of the Stomach, ſalt Rheums, Worms, Pains of the back *Synovia*, the joynt Water, Plague, Epidemical and poiſonous Diſeaſes. It purges both upwards and downwards with little diſturbance. Doſe *a* ʒß *ad* ʒj.

61. *Species Diaplantaginis Mynſichti*, Pouder of Plantane compound.

℞ *Roots of Plantane, of Tormentill, Virginea ſnake root, ſpaniſh Juyce of Liquorice, Terra ſigillata, A. ʒvj Magiſtery of Crocus & made by reverberation, harts-horn burnt and prepared, Pomgranate peels, A. ʒjv: Bloodſtone, Nutmegs, Cloves, Yellow of Orange Peels A. ʒiij leaves of ſharp pointed Sage, Miſleto of the Oak, Balauſtians, A. ʒij: Magiſtery of Coral Barberiſated, Plantane ſeeds, Deers pizel, A. ʒjß: the inner skin of an Hens maw or gizard prepared, ſanguis Draconis, Hypociſtis, A. ʒj: mix and make a very fine pouder.*

It is deſigned to ſtop an Hæmorrhage or bleeding in any part whatſoever. It prevails againſt Incontinency of urine, the Dyſentery, Cæliack paſſion, overflowing of Terms and Whites, and miraculouſly cures exulcerations of the Guts, Reins, Bladder, Ureters, and other urinary Paſſages, taking away all their Symptoms. Doſe *a* ʒß *ad* ʒj or more, as alſo before Dinner and Supper, with ʒij or iij of Plantane-water, or Conſerve of Sloes.

62. *Pulvis Polycreſtus Imperialis Mynſichti*, Royal Pouder of many Virtues.

℞

℞ *white Sugar-Candy* ℥ vj *Crocus* ♂ (*prepared with Vinegar of Tamrinds*) ℥ j ß: *Fennel-Seeds, Ivory rasped, Ankle-bone of a Hare, Pikes Eyes, Cardamoms the leſs: white Ginger, Nutmegs, pouder of Liquorice A.* ℥ j: *biting Cinnamon, Cubebs, Caſſia lignea, Indian ſpicknard, roots and ſeeds of Peony, Miſſleto of the Oak, Acid of Tartar, A.* ℥ ß: *Magiſteries of Carp-ſtone, of Crabs Eyes, and of Pearch-ſtones, Saffron, ſeeds of Parſly and Smallage, Caſtoreum, Cloves, red Myrrh, Lignum Aloes, Hyſſop, Oyl of Aniſeeds, A.* ℥ ij: *Magiſteries of Oriental Pearls and red Coral, Mace, A.* ℥ j: *leaves of moſt fine Gold N°* xliij: *mix and make a very fine Pouder.*

This is dedicated to the Stomach and Bowels, expelling Wind and all ſuperfluous humours, comforting thoſe parts, and preſerving them from putrefaction. It fortifies the head and brain, ſtrengthens and increaſes the Memory. It makes a ſad heart merry, gives Courage to Cowards, opens obſtructions of Liver and Spleen, and prevails againſt the falling Sickneſs, trembling, fainting and weakneſs of the heart, ſtreightneſs of the breſt, Coughs, Aſthma's, a Tympanites from a cold Cauſe, and againſt many other long and inveterate Diſeaſes. It ſtops the Violent flux of the Hœmorrhoides, purifies the Blood, cauſes a good color or Complexion, cleanſes a corrupted womb, as alſo obſtructions of the Reins and Bladder, bringing away ſlimy humors, Gravel, and ſtones. Doſe the quantity of a Cheſtnut, either alone, or in ſome, Liquor, Syrup or quiddony proper to the Diſeaſe.

63. *Species Pleuriticæ Mynſichti*, A Pouder for the Pleuriſy.

℞ *flowers of Sulphur* ℥ ij: *Seeds of Ladies thiſtle, bayberries hull'd, Miſleto of the Oak, Zedoary, Olibanum, A.* ℥ j ſs: *raſpings of a gelt bores tooth, Teeth of a Pike, Corn Poppy flowers, A.* ℥ j: *mix and make a fine pouder.*

Mynſicht ſaith, That it is

a great Secret against Pleuritick pains, or stitches of the sides, tho so extream, as that the sick seems to be giving up the Ghost. Dose à ℥ ß ad ℥ j: in Waters of Hyssop, Fennel or Corn Poppy flowers, morning, noon and night; or letting five hours space to be between every dose. *Deo favente* (saith he) *certissime liberant.*

64. *Pulvis pleuriticus secretissimus Mynsichti*, Mynsichts great Secret against the Pleurisy.

℞ *Flowers of Sulphur compound* ℥ ß: *Raspings of a gelt Boar's Tooth, Jaw of a Pike, A.* ℥ ij: *Corn-Poppy flowers* ℥ j: *mix and make a subtil pouder.*

It cures the Pleurisie, and all Putrefaction and Apostems of those parts, not without the *Stupor* or Amazement (saith the Author) of the By-standers, nor can a more efficacious Remedy be given. Dose à ℥ ß *ad* ℥ j, in waters of flowers of Camomil and Corn-poppies, A. q. s. and sweetned with white Sugar-Candy: This pouder alone cures to admiration, being some few times exhibited, and restores the sick by the Providence of God to perfect health.

65. *Pulvis Carminitivus Mynsichti*, A pouder expelling Wind.

℞ *Cummin seeds (prepared with Vinegar) Aniseeds, Carrawayes A.* ℥ *iij: White Ginger* ℥ vj: *Mace* ℥ iij: *Saffron* ℥ j: *mix and make a fine pouder.*

It expels wind and sharp humors distending and tormenting the Stomack and Guts, being daily and continually taken for some time: it may be taken for a month either in broth, or Fennel or Aniseedwater, or Aqua Carminativa, from ℥ i *ad* ℥ ß.

66 *Farina Virginea Nobilis Mynsichti*, the Virgin flower or Pouder of Mynsicht.

℞ *transparent Rivers flints which calcine and pounder,* ℥ vj *Pumice stone prepared* ℥ j: *Florentine Orrice* ℥ ß: *Gallia Moschata* ℥ j: *distilled Oyl of Roses* ℈ j: *mix, and make*

make a moſt ſubtil flower.

It makes the Teeth white in the ſpace of an hour: it may be daily uſed, laying it upon a fine rag, and ſo rubbing the Teeth therewith.

67. *Pulvis febrilis probatus Mynſichti*, An approved Feaver-Pouder.

℞ *Calamus Aromaticus* ℥ j: *Gentian, round Birthwort, white Ginger, A.* ℥ ß: *Salts of Centaury the leſs, of Cardus ben. of Wormwood, A.* ℥ iij: *Hartshorn calcined without fire, Marigold ſeeds, Camphir, A.* ℥ j: *white Sugar Candy* ℥ j ß: *mix, and make a ſubtil Pouder.*

The title ſhews the Intention, for which it is an admirable and approved thing: doſe à ℈ ſs *ad* j, in ſome appropriate and ſpecifick Vehicle.

68. *Species ſtomachica Mynſichti*, The Stomach pouder.

℞ *The Acid of Tartar* ℥ iij *Galangal min. white Ginger, long Peper, A.* ℥ j ß: *Cardamoms the leſſer, Nutmegs, Cloves, Zedoary, A.* ℥ j; *red Sage, pouder of Liquorice, ſeeds of Rue, Carrowayes, Olibanum, A.* ℥ ß: *Oyl of Cinnamon* ℈ j: *Oyls of mint, of Oranges, of Aniſeeds A.* ℈ ß: *white ſugar candy* ℥ viij *mix, pouder, &c.*

It powerfully ſtrengthens Nature and all its Faculties, cauſes Appetite, expels wind, takes away heart-burnings and loathing, ſtops Vomiting, and cauſes or accelerates the diſtribution of the Nouriſhment. Doſe à ℥ ß *ad* ℥ j, morning and night, in Malaga or choiſe Canary, or other generous Wine.

69. *Pulvis ſtomachicus nobilis Mynſichti*; The noble ſtomatich Pouder.

℞ *moſt white Cremor Tartari oftentimes moiſtned with ſpirit of Vitriol and dryed again)* ℥ ij: *Harts-horn ſpagirically calcin'd* ℥ ß: *Salts of Pearch-ſtones, of Crabs-Eyes, A.* ℥ ij; *magiſteries of Pearls and of red Coral, A.* ℥ j: *Oyls of Cinnamon, and of Cloves, A.* ℥ ß: *white ſugar candy* ℥ viij: *mix, and make a fine pouder.*

It has all the Virtues of the former,

former, being much the more powerful; besides which, it comforts the heart, and all the principal members; prevails against all sorts of Feavers, and Diseases proceeding from Corruption, putrefaction and viscous tartarous humors, as Crudity of the Stomach, Stone in the Reins and Bladder, &c. Dose à 3 ß *ad* 3 j: in a proper Vehicle.

70. *Pulvis Erysipelatoides Mynsichti*, A Pouder against the Erysipela's.

℞ *most fine flower* ℥ vj: *burnt Lead, fine Bole,* ℥ ij *Ceruss, Olibanum, Mastich,* ℥ j; *mix,* &c.

It is a very excellent thing for the Intention, *viz.* to cure an *Erysipela's* or *Ignis sacer:* strew this pouder upon blew Paper, then apply it to the place affected: *Mynsicht* saith, It is the greatest of Remedies for this purpose.

71. *Pulvis Cyprius Moschatus Mynsichti*, Cyprus Pouder muskified.

℞ *Styrax Calamita, florentine Orrice,* ℥ v. *Damask or musk Roses, Rosemary flowers,* ℥ ij: *Benjamin, Cassia Lignea,* ℥ j: *pure Labdanum, Calamus Aromaticus, Cloves, Coriander seeds* ℥ 3 vj; *Woods of Aloes, of yellow Sanders, of Rhodium,* ℥ 3 jv: *the yellow of Orange and Citron peels, round Cyprus* ℥ 3 ij: *Origanum, sweet Marjoram,* ℥ 3 ij: *Bay-leaves, flowers of Lavander and Violets,* ℥ 3 j ß: *Choise musk* 3 ß: *Ambergrise* 3 j: *mix and make a pouder either gross or subtil.*

It was designed only for a perfume, and to perfume Clothes withall: but being subtilly made, and taken inwardly à 3 ß *ad* 3 j, in generous Wine or some proper Quidony or Conserve: it wonderfully strengthens the head, brain and heart, restores in fainting and swooning fits, expels wind, and recreat's all the Spirits natural, vital and animal.

CAP.

CHAP. XXII.

of ELECTUARIES.

E *Lectuarium ad Tabidos*, An Electuary for Consumptions.

℞ *of the Viper-pouder* ℥vj: *Nutmegs, Cinnamen*, A. ℥jv: *Mace, Magistery of Pearl, and Coral made with the true spirit of Venus*, A. ℥ ij: *Oyl of Nutmegs by Expression* ℥ j ß: *Cochenele* ℥ j: *Clarified Virgin Honey* ℥ xlviij: *mix, and make an Electuary* S. A.

This notably restores in Consumptions, expells Wind, strengthens the Stomach, and causes a good Digestion, comforting all the principal Parts, as head, stomach, heart and liver; chearing all the Spirits natural, vital and Animal: Dose *à* ℈ j *ad* ℥ j morning, noon and night: if you so please, you may instead of the Honey make it into an Electuary with Juyce or Syrup of Alkermes.

2. *Theriaca Salmoniana minor*, Our Treacle, the lesser Composition.

℞ *Viper-pouder* ℥viij: *Saffron, Carawayes, Cinnamon, Cloves, Mace, Nutmegs, Ginger, Contra yerva, Virginian Snake-root, roots of Angelica, of Butter-bur, Camphir, Cochenele, A.* ℥jv: *Opium prepared with Juyce of Limons*, ℥ iij ß: *Spicknard, Myrrh*, A. ℥ ij: *Grains of Paradice, Pepper, Chymical oyls of Cloves and Caraways, Crystals of Tartar, A.* ℥j. *Oyl of Nutmegs by expression* ℥vj. *Melligenous extract of Juniper-Berries, Virgin Honey, A.* ℔viij ß. *mix, and make an Electuary according to Art.*

It causeth rest, and easeth all pains; it is a great Cordial, and stops all defluxions: It helps Asthma's, and difficulty of breathing, it eases

eaſes an old Cough, and helps Inflamations and Obſtructions of the Lungs, the Pleuriſy and pain of the Stomach; it ſtays Vomiting, and is a ſpecial Antidote againſt Poyſon, Pox, Plague, and all Malign Feavers; it expels Wind, and is a ſpecifick in the Cholick. Doſe à ℈j. or ℈ſs. ad ℈j. or more, either alone, or in a glaſs of Sack.

3. *Theriaca Salmoniana Major*, Our Treacle the greater Compoſition.

℞ *of the Viper ponder* ℥xx. *Saffron, Cloves, Mace, Nutmegs, Cinnamon, Contra-yerva, Virginian Snake-root, roots of Enula, Galangal, Gentian, Zedoary, Ginger, Tormentil, Scorzonera, A.* ℥iiij. *Aniſeeds, Carraways, Grains, Cardamoms, Bay-berries, A.* ℥iij. *Myrrh, Spicknard, Caſtoreum, Benjamin, Opopanax, Sagapenum, Camphir, Cochenele, A.* ℥ijſs. *Roſemary, Time, Marjoram, Rue, Bezoar Mineral, and Oriental, Oyls of Cloves and Cinnamon, A.* ℥ij. *white Pepper, Antimony Diaphoretick, Ens Veneris, A.* ℥j. *Opium (extracted, ſtrained, and Inſpiſſate by help of juyce of Limons)* ℥x. *Melligenous extract of Juniper-berries (in* Cap. 8. Sect. 11. *of this Book) Virgin Honey, A.* lbxiiij. *mix, and make an Electuary according to Art.*

This has all the Virtues of the former, beſides which it is more powerful in all Diſeaſes of the Head, Lungs and Bowels, being excellent good in the Palſy, Apoplexy, Epilepſy, Head-ach, Megrim, Madneſs, defluxions upon the Eyes, pains in the Teeth, Aſthma, ſpitting of Blood, and all fluxes: It is good againſt pains of the Gout, biting of venemous Beaſts, Meaſles, Small-Pox, Plague, and all malignant Feavers; it cures Conſumptions, and is an Antidote againſt all manner of Poyſon, and a good ſudorifick. Doſe *à* ℈ſs. *ad* j. or ℈j ſs. in a proper Vehicle.

4. *Theriaca Salomonis*, Salomons Treacle.

℞ *Citrons Condited* ℥viij.

Con-

Conserve of Wood Sorrel, flowers of Rosemary, Bugloss, A. ℥ij ſs. *Mithridate* ℥j. *roots of Enula, of Dittany of Creet, seeds of Citrons husked, of Carduus Benedictus, Wormseed, shavings of Harts horn, A.* ℥ſs. *Citron Peels dryed, yellow Sanders, roots of Gentian, bone of a Deers Heart, A.* ℥ij. *Cinnamon, Mace, Cloves, lesser Cardamoms, A.* ℥j. *Juniper-berries, infused a whole night in Vinegar of Squills,* N°. 50. *make up the Electuary with Syrup of the juyce of Citrons,* S. A.

It is good againſt the Plague, and all Epidemick Diſeaſes: it fortifies the Heart, revives the Spirits, ſtrengthens the Stomach, and the whole Body; it kills Worms, reſiſts putrefaction, ſtops Vomiting, helps digeſtion and cauſes a good Appetite. Doſe ℥ ſs. This Recipe you may find in *Bauderon's* Diſpenſatory.

5. *Orvietanum verum,* ſeu *magis Compoſitum*; The true Orvietan, or Orvietan more compound.

℞ *roots of Scorzonera or Vipers Graſs, of Carline Thiſtle, of Maſterwort, of Angelica, of Virginian Snake-weed, of Contra-yerva, of the ſlender Bithwort, of white Dittany, of Galanga, of Gentian, of Coſtus, of the true Acorus; ſeeds of the Macedonian Stone Parſly; leaves of Sage, Roſemary, Goats-Rue, Carduus Ben. Cretion Dittany, Bay and Juniper-berries, A.* ℥j. *Cinnamon, Cloves, Mace, Nutmegs, A.* ℥ ſs. *dryed Vipers, with the Bones, Heart, and Livers; old Treacle, A.* ℥iij. *of the beſt Clarified Honey* ℔viij. *let the Leaves and roots be dryed, poudred, and ſearſed, and over a gentle heat be mixed with the Honey.*

It is a good thing againſt Plague, Peſtilence and ſpotted Feaver, Meaſle, Small-Pox, and all Epidemical Diſtempers: it comforts and fortifies the Head, Brain, Heart, Stomach and Bowels, expels Wind, gives eaſe in the Cholick, and provokes Sweat. Doſe *à* ℥ſs. *ad*

ad ℥ij. in any convenient Vehicle. There is an *Orvietan* in Our *Pharmacop.* leſs compound, which is the common; but this is the true, and much the better.

6. *Confectio Alkermes Chymica*, Confect of Alkermes Chymical.

℞ *pure juyce of Alkermes* ℥vj. *ſpirit of Salt well rectified* ℥ſs. *mix it firſt with fine Sugar Candy* ℥ſs. *and a little rectified* S.V. *then mix them with the juyce, to which add of the purple calx of Gold (which has been firſt diſſolved in A.R. then precipitated with Tin or Spiltr) well edulcorated and dryed, Salt of Pearl made with ſpirit of Venus, (in* Cap. 2. Sect. 19. *of this Book)* A. ℥j. *Ambergriſe, Musk,* A. ℥j. *mix, and make a Confect* S.A.

It is a wonderful great Cordial, chears the Heart, revives the Spirits, reſtores in Conſumptions, abates the violence of all ſorts of Feavers; is a perfect Cure for Melancholy, and abſolutely expels poyſon. Doſe *a* gr. xx. *ad* ℥ij. in any proper Vehiculum.

7. *Confectio Anodyna Noſt.* Our Confect easing pain.

℞ *Opium (diſſolved in juyce of Limons, ſtrained and inſpiſſate to the thickneſs of Honey)* ℥vj. *Salt of Tartar, Salt of Pearl, Bezoar mineral, Cloves,* A. ℥j. *Musk, Ambergriſe,* A. ℥ſs. *Oyl of Cinnamon* ℥ſs. *juyce of Alkermes, mellifinous Extract of Juniper-berries, Virgin Honey,* A. ℥vij. *mix all well, and keep it in a Tin or Silver box with a ſcrew, to keep it from the Air.*

It has all the Virtues of both the *Laudanum Paracelſi*, and of our great Specific Anodyne (in *Ca.* 8. *Sect.* 6. of this Book) to the latter of which we here refer you; thoſe are beſt where a Pill is to be ſwallowed: but this where it is to be diſſolved in any liquid Vehicle, becauſe more eaſy to diſſolve. Doſe *a* gr. viij. *ad* gr. xvj.

8. *Diaſcordium Sylvij Fran-*

Franciscus Sylvius his Confect of Scordium.

℞ *Gentian* ℥ss. *Angelica root* ℥ij. *leaves of Scordium dryed* ℥ij. *of Cardans, of Dittany of Creet, A.* ℥ss. *choce Saffron* ℥j. *of the true Acacia* ℥j ss. *being grosly cut and bruised with rectified* S. V. *so much as to over-top them the breadth of four fingers, draw forth a Tincture, which decant; and repeat the* S. V. *till all the Tincture is drawn out; then mixing the Tinctures, abstract the* S. V. *till the remain becomes almost a solid Extract.* 2. ℞ *Theban Opium, draw forth its Tincture with spirit of Vinegar, which abstract till the remain becomes a soft Extract.* 3. ℞ *roots of Masterwort* ℥j. *Cassia Lignea, of biting Cinnamon, A.* ℥ss. *Nutmegs* ℥iij. *mix, and make a most fine powder.* 4. ℞ *fine Bole Armoniack* ℥j ss. *heat it alone, and searse it, then grind it on a Marble.* 5. ℞ *Gum Arabick, wrinkled like a Worm* ℥ss. *dissolve it in Fennel* ℥jss. 6. ℞ *all the first Extract, of the Extract of Opium* ℥ij. *both the powders; mix these together, adding by degrees the dissolution of the Gum Arabick; beat them well together, and if its form be too solid, add syrup of Myrtle-berries,* q. s. *which mix according to Art. If you please you may reduce this Confect to the form of Pills, by adding Bezoar Mineral, Cochenele and Saffron in pouder; or other like sudorifick pouder.*

It is of the nature of the Shop *Diascodium*, but much more safe, and to be given in a far lesser Dose, *viz.* only à gr. xv. *ad* ℥j. It provokes sweat powerfully, defends the Heart from Malignity, is prevalent against the Measles, Small-Pox, spotted Feaver, Plague, and other Malignant and Epidemick Diseases. It eases all sorts of pains, and gives rest with much safety and pleasure.

9. *Electuarium Phlegmagogum Sylvij*, Sylvius his Electuary purging watery humors.

℞ *Extract of Juniper berries (made with S. V.) pulp of Tamarinds, thickned to a just consistency, ℳ. ʒiiij. Jallap finely poudred ʒiſs. choice Scammony ʒj. the best Cinnamon, and sweet Fennel seeds in fine pouder, ℳ. ʒij. fine Sugar ʒx. mix, and make an Electuary.*

It is a specifick against the Dropsy, and carries off watery Humors powerfully: I have cured several of the Kings Evil, with this only Medicine. Dose à ʒij. *ad* ʒſs. and if strong persons *ad* ʒvj.

10. *Electuarium Cholagogum Sylvij*, Sylvius his Electuary purging Choler.

℞ *pulp of sour Prunes, thickned to a due consistency* ʒx. *Cremor Tartari, choice Scammony ℳ.* ʒij. *Rhubarb Elect* ʒx. *biting Cinnamon* ʒſs. *yellow Sanders* ʒij. *fine Sugar* ʒxvj. *mix, and make an Electuary according to Art.*

It is an excellent thing to purge all bad humors, especially Choler and Serum; it is prevalent against the yellow Jaundice, Dropsy, Scurvy and Gout. Dose à ʒij. *ad* ʒ ſs.

11. *Diacassia Nostra*, Our Electuary of Cassia Fistula.

℞ *Pulp of Cassia* ℔ij. *Rhubarb, Sena, ℳ.* ʒiiij. *syrup of Buckthorn* ʒviij. *Resin of Jallap* ʒj. *biting Cinnamon* ʒſs. *mix, and make an Electuary.*

It is a gallant loosener of the Belly, and brings forth Flegm and Melancholy, without disturbance. It opens the Breast and Lungs, and eases all pains and sharpness in the Reins and Bladder. It hinders the breeding of the Stone, and helps much in the Pleurisy, and all acute Feavers, if seasonably given. It is also a singular good Remedy against the Gout, proved by many Experiments. Dose *ab* ʒſs. *ad* j. or ʒj ſs. if the Patient be strong, early in the morning fasting.

12. *Diajallapa Nost.* Our Electuary of Jallap.

℞

℞ *Jallap in powder* ℥iij. *Resina Scammony* ℥ij. *Cloves, Ginger, Cremor Tartari, A.* ℥j. *Syrup of Buckthorn* ℥kvj. *Oyl of Aniseeds* ℥ ß. *mix them, and make an Electuary.*

It is a good Phlegmagogue, expels thin and watery humors out of the Belly, and from the whole Body; and is very profitable in the Asthma, Cachexia, Dropsy, Scurvy and Gout: Dose (in the morning fasting) à ℥j. *ad* ij.

13. *Diagambæ Nost.* Our Electuary of Cambogia.

℞ *Cambogia* ℥iij. *Resine of Jallap and Scammony, Ginger, Cloves, Nutmegs, A.* ℥j. *Oyl of Nutmegs and Aniseeds, A.* ℥ij ß. *Rob of Juniper-berries, and Syrup of Buckthorn, A.* ℥ix. *mix them into a mass.*

This is a notable Cure for the Dropsy and Jaundice, and all such Diseases as come from flegm and watery humors, or from a Salt habit of Body, as Scurf, Scab, Itch, and other like breakings out, the Scurvy, Gout, *&c.* Dose à ℥j. *ad* ℥ij.

14. *Diaturbith mitis* Our Electuary of the root Turbith.

℞ *Turbith elect* ℥ jv: *Cortex Esulæ* ℥ ii ß: *Cambogia, Senna, Rhubarb, Hermodactls, Resine of Jallap and Scammony, A.* ℥ j: *extract of black Helleber, Powder of Cloves, Nutmegs, Mace, Cinnamon, Ginger, Coriander seeds, A.* ℥ vj: *Salt of Tartar, Chymical Oyls, Nutmegs, Cloves, Carrawayes, and Aniseeds, A.* ℥ ij: *Syrup of buck-Thorn berries* ℔ iij: *mix and make an Electuary, S. A.*

It is a good Panchymagogue, rooting out the Dropsy, Jaundice and Scurvy: if you add to the Compositum, Colocynthis in powder ℥ iij, (but then it will all of it be extream bitter) or to every dose thereof gr. vij, it will be an Admirable thing against the Pox. It facilitates the Cure of Fistula's (a good Diet being given in the intermediate dayes of purging) heals all old malign Ulcers,

the Itch, Scabs, and other such like evil affects. In all desperate Diseases it is a most commendable Cathartich. Dose ℥ ß *ad* ij or more, to be given in the morning fasting.

15. *Electuarium Antipestilentiale*; An Electuary against the Plague.

℞ *Camphir* ℥ ß: *Cinnamon, Cloves, Mace, Nutmegs, Spicknard, Myrrh, Contrayerva, Virginian Snake root, Zedoary, Saffron, Cochenele, Viper-powder, Aa* ℥j: *Oyl of Nutmegs by Expression* ℥ ij: *Opium prepared* ℥ ij ß: *with Syrup of Nutmegs, or Syrup of Juniper berries made with Honey* ℥xxxij: *make an Electuary*, S. A.

It is a singular good thing for what the Title specifies; as also against all malign Fevers, as Measles, small Pox, spotted Feaver, *&c.* It strengthens the Stomach, revives the Spirits, fortifies the heart, causes rest and ease, and is a singular Sudorifick. Dose á ℈j *and* ij ℈ or ℥j: at night going to Bed in a glass of Sack.

16. *Laudanum Mynsichti*, The Specifick Anodyne of *Mynsicht*.

℞ *Thebian Opium prepared* ℥ ij: *Inspissate Juyce of Poppy flowers* ℥ j: *Roots of hound's tongue, Mummy, Sturax Calamita, Spanish juice of Liquorice, English Saffron A.* ℥ß: *the opium let be prepared or extracted with spirit of Vinegar, or Juyce of Citrons: then dissolve in* S. V. *which distill off in* B. M. *with a gentle fire, to the thickness of Honey; to this magma add Extract of the Bezoar stone, Anodyn Sulphur of Vitriol, A.* ℥ ij: *Salt of Oriental Peals, Salt of red Coral, A.* ℥j: *Elks-horns hermetically calcin'd; bone of a stags-heart, white Amber prepared, A.* ℥ß: *Ambergrise* ℈j: *Musk elect* ℈ ß: *all being exactly mixed and incorporated, add the following things, Our Aurum Potabile* ℥j ß: *Oyls of Camomil, of Oranges, of Cloves, of Wormwood, of Nutmegs, of Dill, of Citron peels, of Aniseeds, of Caroways, Aa* ℈ ß: *mix again well, and make a mass of Pills.*

In

In ſtopping the Flux of all Humors and Catarrhs, as alſo fluxes of Blood, menſtrual excretions: in watching and unquietneſs and want of reſt, and in all ſorts of Feavers, which cauſe a reſolution of the Forces or ſtrength of the Body: In Frenſies, Madneſs, Melancholy, vomiting, Loathing, in Epilepſia's, Pain of the Heart or Stomach, Hiccoughs, Cholicks, Weakneſs of the Ventricle, Gouts in the Hips, Knees, Feet, and in the Stone and Gravel whether in the Reins or Bladder, it is a moſt ſtupendious Remedy: For in eaſing all Pains, tho' the moſt vehement and acute *Divinum eſt auxilium & quaſi ultimum Aſylum.* It is a divine Help, and as it were the laſt Refuge or Sanctuary. Doſe a gr. ij *ad* iij, iv, v, or vj, which take at night going to bed, drinking after it a little glaſs of Sack, or other convenient Liquor.

17. *Electuarium* ſeu *Confectio Hamech major, Meſue*, A bitter Arabian Confect purging Melancholy, the greater Compoſition.

℞ *Yellow Myrobalans* ℥ij: *Indian Myrobalans, Chebs, Rhubarb elect.* Ā ℥ij: *Agarick, Colocynthis, Polypody,* Ā ℥ij, ℈ij: *Sena, Time, Wormwood,* Ā ℈j: *Violets, Epithymum, ana* ℥ij: *ſeeds of Annis and Fennel, Madder cleanſed,* Ā ℥vj: *juyce of Fumiterry,* ℔j: *Prunes* N° lx. *Raiſons ſtoned* ℥vj: *Whey of Goats-milk,* q.s. *digeſt all together in a glaſs Veſſel with a narrow mouth, and cloſe ſtopt, in a gentle heat for five days, then boil gently 2 or 3 walms, and ſtrain out by expreſſing. In this ſtraining diſſolve white Sugar* ℔j ß: *by a warm Infuſion, adding alſo choiſe Manna* ℥ij; *ſtrain and boil to a juſt conſiſtency: to this put pulp of Caſſia,* ℥iiij, *pulp of Tamerinds* ℥v: *made with a part of the firſt ſtraining.) Laſtly, ſtrew in by degrees (continually ſtirring with a ſpatula) theſe following powders, Scammony made into powder by it ſelf* ℥j ß: *Citrine, Cheb, and Indian Myrobalans,* Ā ℥ß: *Bellirick and Emblick Myrobalans, Rhubarb, ſeeds of Fu-*

mitory, A. ℥ij; Aniseeds, Indian spicknard, ana ℥ij; make an Electuary according to Art.

It purges all humors, chiefly salt flegm, Choler and Melancholy, and roots out most Diseases proceeding from them, as Impetigo, Tetters, Ringworms, Scabs, Leprosy, Elephantiasis, eating Cancers: It also cures Quartans, Frensies, Madness, Lethargies, the Gout, Scurvy, and all breakings out and defilements of the skin, being no ways inferiour to that in Our *Pharm. Lond. lib. 4. cap. 22. sect. 43.* It is profitably given after a Surfeit, and in a notable French Pox. Dose à ℥ij ad v. or vj. If in very strong bodies. You may dissolve it in *Decoctum Epithimi* (in *Pharm. lib. 4. cap. 14. sect. 2.*) and so give it. For the Infusion of the Simples the quantity of the Whey may be vj quarts, little more or less.

18. *Diabalzemar*, Electuary of Sena.

℞ *roots of Cichory, of Bugloss, of Polypody of the Oak, of Grass, of Liquorice, bark of Caper roots, A. ℥ß: Currans ℥vj: Maiden-hair, Hemionitis, Ceterach, Dodder, Mugwort, Fumitory, Agrimony, Betony, Bawm, Broom flowers, Violets, ana. M.ß. spring-water, q.s. boil and strain: to lb iij add Sena ℥iv: Black Hellebor Gummy Turbeth, A. ℥ß: Cloves ℥ij: Coriander and Dauncus seeds A. ℥ß: infuse and boil to the consumption of a third part: strain and add white sugar lb ß: then boil to the thickness of a Syrup, or something higher, with which mix well ℥ß of the Infusion of choise Rhubarb in Chalybeat water: and then add in fine powder the following things: Sena ℥ij, Saffa, fras ℥j, Lapis Lazuli prepared, Cinnamon A. ℥ß, Peony roots, Tamarisk, Epithimum, middle bark of the Ash, ana, ℥ij; seeds of Roman Gith or Nigella, Agnus castus, Indian Spicknard, ana ℥ij; Rosemary flowers, Stechas, ana, ℥j, mix and make an Electuary.*

The Virtues are the same with the former, but this works

works not so violently, and therefore is fitter to be given to weak Constitutions; besides it is not so bitter as the former, for *Confect. Hamech* has *Colocynthis* in it, which this wants. Particularly this is said to be powerful against Obstructions of the Spleen and Hypoconders, to resist Melancholy, and to cure Deliriums, Madness, Fits of the Mother, Falling-sickness, Elephantiasis, the *French* Pox, and the evil color in Virgins and Widdows. Dose *à* ℥ij. *ad* iiij. or more, according to age and strength. The Title comes from *Alhazemer*, which is the Arabick word for that admirable Plant *Sena*.

19. *Electuarium ad Lepram*, An Electuary against the *Leprosy*.

℞ *Conserve of Borrage, and of Elecampane, A* ℥vj. *Troches of Vipers, (or rather Our Viper powder)* ℥ss. *Pearl and Red Coral, both prepared, A.* ℥ss. *with syrup of Coral, q. s. make an Electuary.*

Scultetus commends this against the Leprosy of the Greeks, and truly it is a very good thing: he gave it (after purging two days with proper things) four hours before Dinner, and three hours before Supper, after the taking of which, the sick drank a draught of clarified Whey, made of Goats Milk. Dose à ℥ij. *ad* iiij. See *lib.* 3. *cap.* 4. *sect.* 36.

20. *Electuarium ad Luem*, An Electuary against the *French* Pox.

℞ *Sarsaparilla* ℥iiij. *Sassafras, yellow Sanders, A.* ℥iij ss. *Jallap, Sena, Hermodactls, A.* ℥ij. *Gummy Turbeth* ℥ij. *Cortex Guajaci* ℥j. *beat all severally into a fine powder, and searse them diligently through a fine Searce, then put them together and mix them well; then to this powder, add its equal weight of pure clarified Honey, stirring it for a while, over a very gentle heat; then being cold, put it up. Gally pots for use.*

Here is to be noted, § 1. That the *Sarsaparilla* must be only the mealy part of it

which flys up, being beaten in a close Mortar, you will scercely have above two Ounces, out of a pound; the rest may serve for Diet Drinks. § 2. That the *Sena* be that of *Alexandria*, free from filth, and nothing but leaves. § 3. That the proportion of each Ingredient be weighed out, after it is reduced into pouder, and not while they are in their gross bodies. § 4. That if afterwards it be beaten in a Mortar for four or five hours, it will be so much the better, and more perfectly mixed. § 5. It prevails against the *French Pox*, virulent *Gonorrhœa*, *Cankers*, and all other Venereal symptoms. § 6. The Dose is about half an Ounce, dissolved in a little warm Posset-drink, and drinking after it, either warm Posset-drink, or some good Broth, but not eating till two or three hours after the working is over. § 7. *In giving of it*, begin with two or three Doses of *Aurum Vitæ*, intermitting one day between: the next day after, take a Dose of this Electuary: the following day repeat the *Aurum Vitæ*; then after that take this Electuary; then again take the *Aurum Vitæ*, after that continue the taking of this Electuary, for ten or twelve days: then take again the *Aurum Vitæ*, and after that again for six or seven days more, take this Electuary. § 8. It cures also *Rheumatisms* and *Aches* in the Legs, or in any part of the Body, being continued for a while as aforesaid.

21. *Electuarium Hystericum Magistrale Nostrum*, Our Magisteral Electuary for the Womb.

℞ *Extracts of Cochinele, and of Saffron, A.* ℥iiij. *Diatsyrian Nicholai, Juyce of Alkermes, A.* ℥viij. *Extract of Virginian Snake-root and of Contra Yerva, A.* ℥iij. *Musk, Ambergrise, A.* ℥ijss. *mix them well.*

It cures Fits of the Mother so absolutely as that they never return any more, being taken for a certain time, morning and evening, and also given in the time of the

the Paroxiſm. It alſo reſiſts poyſon powerfully, and cures the Plague or Peſtilence, if timely given: It cures a Conſumption, and is good againſt all fainting and ſwooning Fits, and other paſſions of the Heart. It ſtrengthens the Head, Brain, Nerves and Heart, and recreates all the Spirits, Natural, Vital and Animal.

22. *Electuarium Hydragogum Renodæi*, An Electuary purging watery Humors.

℞ *our blew Flower-de-luce Roots, roots of Dwarf-Elder, of Graſs, Barks of Caper Roots, Aſarabacca, Caraways, A.* ℥ vj. *Burnet, Golden Maiden-hair, Agrimony, Spleenwort, Mugwort, A. M. j. Peach flowers, M. ſ. boyl all in fair water,* q. s. *ſtrain, and add thereto, Sena* ℥ij. *Daucus ſeeds* ℥ij. *infuſe, boyl a little, and ſtrain again: to every pound of this ſtraining, add juyce of Damask Roſes* ℔ ſs. *clarified juyce of blew Flower-de-luce Roots* ℥x. *white ſugar* ℔ ſs. *clarified Honey* ℥ij. *boyl them into a ſyrup, and add thereto Calabrian Manna, Mechoacan in pouder, A.* ℥ij. *gummy Turbith, Eſula, both in ſubtil pouder, A.* ℈j ſs. *grains of Dwarf-Elder, ſeeds of the Sea Colwort, A.* ℥ ſs. *Cinnamon* ℥ij. *Ginger, Acorus, Calamus Aromaticus, A.* ℈j. *mix, and make an Electuary.*

This is an approved Remedy againſt all watery Humors, in any part of the Body, and to cure all ſorts of Dropſies, after a wonderful manner. It opens all Obſtructions whatſoever, chiefly of the Liver, Spleen and Meſentery, ſtrengthens the *Viſcera*, and amends their temperaments: ſome hundreds have been cured of Dropſies, by this alone Medicament.

23. *Electuarium Pectoralis Mynſichti*, Pectoral Electuary of Mynſicht.

℞ *ſpecies Diaſulphuris Mynſichti* ℥ij ſs. *Diarrhodon Abbatis* ℥j ſs. *Pectoral ſyrup of Mynſicht* ℔j. *Conſerve of red Roſes, tinged with Our Elixir of Sulphur* ℔ij.

℔ij. *Oyl of Cinnamon* ℥j. *mix. for an Electuary.*

It is a moſt delectable Medicament, in taſt, ſight, and ſmell. It cures Aſthma's, *Diſpnœa, Orthopnœa's*, Phthiſicks, Hecticks and other ordinary affects of the Thorax, as Coughs, Hoarſneſs, Ulcers of the Breſt, Stomach and Throat, and that without failing. It is to be daily taken, often, and a little at a time, and to be diſſolved in the mouth, and ſwallowed down leiſurely; for being ſwiftly ſwallowed, it comes not to the part affected, but goes into the Stomach. Doſe every other hour, the quantity of a Hazle Nut or Nutmeg, *plus minusve pro affectum varietate.*

24. *Electuarium Roſarum Mynſichti*, The Electuary of Roſes.

℞ *Conſerve of red Roſes vitriolated* ℔j ſ. *Rob of Barberries, Rob of Engliſh Currans, A.* ℔j. *ſyrups of the juyce of Citrons, of the juyce of unripe Grapes, Oxyſaccharum, A.* ℔ ſs. *Pulp of Citrons candited, conſerve of Citron Peels, Species Diarrhodon abatis, ſprinkled with ſpirit of Vitriol, q. ℥v. Niter prepared* ʒxiij. *mix, and with a little Cinnamon water, make an Electuary.*

It cools and moiſtens in the heat of Feavers, alayes Thirſt, and takes away all preternatural heats whatſoever to a wonder: It ſtrengthens the Stomach, ſtops Vomiting, prevails in the Cholerick paſſion, in the Dyſentery, and cures contagious Diſeaſes. It comforts the more noble Members wonderfully, as the Heart, Stomach, Liver, Spleen, Reins, *aliaque viſcera*, it opens their Obſtructions, and preſerves them from putrefaction: It ſtops bleeding at Noſe, repreſſes the vomiting of Choler, and cures the Small Pox. Doſe a ʒj. *ad* ij. or ℥ ſs. ſeveral times in a day.

25. *Electuarium ſtypticum Mynſichti*, The ſtyptick Electuary.

℞ *Tincture of Crocus Martis, of Coral, all dryed, A.* ℥j. *Tormentil, Zedoary, Gum.*

Gum Arabick, Cloves, Ginger, Nutmegs toasted, A. ℥vj. *sealed Earth, white Amber prepared, Calamus Aromaticus, Galangal the less, Cardamoms both sorts, biting Cinnamon, Ana* ℥ss. *shells of River Crabs, boyled in Vinegar, seeds of Blood-wort, of Plantane, of black Pepper, yellow of Orange Peels, A.* ℥iij. *flowers of red Sage, of Burnet of Spearmint, A.* ℥ij. *Bulls Pizle, Coriander seeds, Acacia, A.* ℥j ss. *Cypress Nuts, Ashes of Frogs, Talk calcined, A.* ℥j. *all being in fine pouder, mix, and with Gelly of Quinces, make an Electuary; to which add* Oleum Carminativum ℥ iij. See its Preparation in our *Pharm. Lond. lib.* 4. *cap.* 3. *sect.* 45.

It stops all Fluxes of the Bowels, as Dyarrhœa, Dysenteria, Lienteria, Hepatick Flux, *&c.* and fluxes of blood by the Nose or other parts, overflowing of the Terms, *&c.* It comforts the Bowels and inward Members, and powerfully resists all kinds of Lassitudes and Weaknesses whatsoever: Dose à ℥ss. *ad* ℥ss. in Malago, or other generous Wine, in a morning fasting.

26. *Theriaca Febrilis Mynsichti*, A Treacle against Feavers.

℞ *species febrifugæ Mynsichti* ℥iij. *Conserves of Pontick Wormwood, of Cardnus Ben. of Flowers of Centaury the less,* A. ℥ij. *Venice Treacle* ℥jss. *Harts-horn calcined (without fire) Antimony Diaphoretick, white Ginger,* A. ℥iij. *species Diamoschi dulci diambræ,* A. ℥jss. *Camphir (dissolved in spirit of Angelica)* ℥ss. *mix, and with Rob of Elder-berries make an Electuary.*

It cures almost all sorts of Feavers, in the Plague it self, it is one of the most powerful Antidotes, and so in all malign and contagious Diseases, as Measles, Small Pox, Spotted Feaver, *&c.* Dose à ℥j. *ad* ij. in *Aqua Febrifuga*, or Waters of Carduus Ben. of Scabious, or of Marigolds: let the sick be in Bed, and the Medicine be given two hours before the accession of the fit, then being

being well covered, let them lye and Sweat: by this means many Feavers have been immediately profligated and overcome.

27. *Electuarium Stomachicum Mynſichti*, A Stomach Electuary.

℞ *Sweet Almonds* ℥viij: *Calamus Aromaticus, Ginger, grains of Paradice*, A. ℥j: *Spearmint, Zedoary, Juniper-berries, roots of Burnet*, A. ℥vj: *water Acorus, Avens, Tormentil, Elecampane*, A. ℥iiij: *Galangal the leſs, Maſtich, Cloves, Mace, Nutmegs, Cinnamon, long Pepper, ſeeds of Biſhops weed*, A. ℥ij: *all being in a fine ponder, mix, and with white Sugar* q. s. *diſſolved into a thick ſyrup, in any ſtomach water, make an Electuary, to which add ſo much of Mynſichts Elixer of Vitriol, as to give it a taſt.*

It warms the ſtomach, and mightily ſtrengthens it, correcting its humidity and weakneſs: It ſtrengthens the Concoction, and raiſes up the depreſſed Appetite; it comforts the inferior Ventricle, as alſo the inſtruments of nutrition, and indeed reſiſts all Diſeaſes proceeding from cold and moiſture, though properly it was deſigned to dry up the humidities of the Stomach, and to ſtrenghen and confirm it. Doſe morning, noon and night, the quantity of a Nutmeg, drinking after it three or four ſpoonfuls of Canary or ſtomach water.

28. *Electuarium Dyſentericum Mynſichti*, An Electuary againſt the Bloody Flux.

℞ *Conſerve of Corn-Poppy flowers, old Conſerve of Roſes*, A. ℥iij. *Confectio Opiata ſeu Narcotica Mynſichti* ℥ij. *New Venice Treacle, Tincture of red Coral, Blood-ſtone, Eſſence of Crocus Martis*, A. ℥ij: *Troches of Amber, of ſealed Earth, of Spodium*, A. ℥j: *Oyl of Nutmegs and of Cloves*, A. ℈j: *mix, and with a Lohoch ſeu Diacodion Crocatum* (*which ſee* cap. 18. ſect. 5. *of this Book*) *a ſufficient*

cient quantity, make an Electuary.

It was invented to ſtop all Fluxes (though chiefly the Bloody-Flux) and eaſe all pains of the Bowels, which it does moſt effectually: It ſtops alſo all Fluxes of Blood, as at Noſe, ſpitting of Blood, the Meſentery, Flux of the Hemorrhoids, it aſtringes, cauſes ſleep and reſt, and is a ſpecifick to heal Ulcers of the Lungs and Bladder. Doſe à ℥j. *ad* ℥ij. or ſomething more, going to Bed at Night, or in the morning faſting, in ſome proper ſtomach Vehicle.

29. *Electuarium Catharticum Caryophyllatum Mynſichti*, Cathartick Electuary cloved.

℞ *Conſerve of Clove-gilliflowers Vitriolated* ℥vij: *white and gummy Turbith* ℥ij: *Scammony Roſata* ℥x: *Cloves* ℥j: *Cryſtals of Tartar* ℥vj: *biting Cinnamon, Mace*, ana ℥ſſ: *Oyl of Orange peels* ℥j: *mix, and with Syrup of Citron Peels moſchated, make an Electuary.*

It Purges away all cold, moiſt, viſcous, pituitous and putrid humors from all parts of the Body, chiefly from the Head, Brain, Breſt, Stomach, Joynts, Bowels, Guts, and other principal Members, and ſuch as belong to the Inſtruments of nutrition: It copiouſly carries off the morbifick matter of Feavers, and that ſharp humors which cauſes thoſe excruciating pains in the Cholick, and other Diſeaſes of the Belly and Womb. It cleanſes the Stomach, and takes away loathing and vomiting. Doſe à ℥ſſ: *ad* ij: or iij: more or leſs, according to age or ſtrength. Here is to be noted, that if you take away the Conſerve of Clove-Gilliflowers Vitriolated ℥vij: and put in place thereof Conſerve of red Roſes vitriolated ℥vij, or Conſerve of Violets vitriolated ℥vij: *&c.* 'twill then be *Electuarium Catharticum Roſatum, Electuarium Violatum*, &c. Alſo in place of the ſame, you may put *Confectio Alkermes* vitriolated ℥vij: or green Ginger of *China* candited

dited ℥ vij: or Conserve of Rosemary flowers ℥vij: so it may bear a different Name.

30. *Electuarium Terebinthinæ Laxativum Mynsichti*, Loosning Electuary of Turpentine.

℞ *Turpentine washed in Rosewater ℥ij; Tartar Vitriolated ℥ ß; Salt of white Amber, Rhubarb, ana, ℈ ß: with Sugar and ponder of Liquorice make a Bolus. But if you add to the former thing Niter prepared, Scammony ℔. ℈ ß; then you may call it* Elect. Terebinthinæ purgans.

The first only gently moves the Belly, and keep it soluble: the latter purges well, and has the Virtues of *Cathartic. Caryophillatum* just before going.

31. *Electuarium Cathart. Cholagogum Mynsichti*, An Electuary purging Choler.

℞ *Juyce of Roses expressed, white Sugar ℔. ℥ viij: species Diarrhodon Abbatis vitriolated ℥ jx; Rosin of Scammony ℥j; stodium ℥ß; Gallia Moschata, ℈ j; boyl the juyce and sugar to a just consistency, then add the species, and make an Electuary.*

It purges all hot and bilious humours in every Disease, and from all parts, and that without Pain. Dose à ℥j ad ℥ij.

32. *Electuarium cathart. Vitæ Mynsichti*; The purging Electuary of Life.

℞ *Venice Treacle ℥ iij, species Diasulæ nostræ ℥ j ß, Mercurius Vitæ ℥j; mix, and with Mynsicht's pectoral Syrrup make an Electuary* S. A.

It prevails against all manner of Feavers, the Plague, all Diseases of the Head proceeding from cold and moisture; the French Pox, Leprosy, Cacochymia, Dropsy, stinking Ulcers; it is a most powerful Remedy, and a great Secret in the cure of Quartans, because it leaves no impurity behind in the whole humane Body. Dose à ℥j *ad* ℥j ß or ij, if very strong: It is not to be given before Breakfast but presently after.

33. E-

33. *Electuarium catharticum paſſulatum Mynſichti*, Purging Electuary of Raiſins.

℞ *Confectio Paſſulata, or Rob of Raiſins of the Sun* ℥ij; *Gummy Jallap in fine powder* ℥j; *oyl of Aniſeeds* ℈j: *mix and with ſyrup of Cinnamon make an Electuary.*

It purges Choler flegm and watery humors powerfully from all parts of the Body, it expels Wind, opens Obſtructions, purifies the Blood, eaſes pains of the Joints, Bowels and Reins; is profitable in Aſthma's, old Coughs, and the Lues Venerea: Doſe à ℥ij *ad* iij.

34. *Electuarium catharticum Peruvianum Mynſichti*, A purging Electuary of Cambogia.

℞ *Electuary Diacori* ℥vj: *Extract of Gum de Peru*, ℥j: *ſpecies Diarrhodon Abbatis* ℥ß: *Extract of the Grains of Chermes* ℥iii: *Gallia Moſchata vera* ℥ß: *Oyl of Mace* ℈j: *and with a little Syrup of Citron Peels make an Electuary.*

It prevails againſt the moſt powerful and contumacious Diſeaſes proceeding from a ſerous or watery humor; it takes away water collected in the Capacity of the *Abdomen*, as alſo pituitous, thick, and crude Humors from the moſt remote parts, for all which purpoſes tis moſt powerful; for which cauſe it is profitable in Gouts and other Joynt Diſeaſes proceeding from a cold and moiſt cauſe; it cures the Dropſys, Aſcites and Anaſarca: Doſe à ℥ij *ad* ℥iij.

CHAP. XXIII.

Of PILLS.

1. *Pillula Panchymagoga Noſtra*, Our Pills purging all humors.

℞ *Colocynthis*, *reſinous Scam-*

Scammony, ana ℥j: *Elaterium*, *Turbith mineral*, ana ℥ſs: *Oyl of Caraways* ℥iij: *ſalt of Tartar* ℥j: *with ſyrupus de ſpina Cervina*, q. s. *make a maſs of Pills.*

In the Cachexia, Dropſy, Leproſy, Scabs, Ring-worms, Jaundice, Scurvy, and the like, they are a moſt ſtupendious Cathartick. They Purge both thick and thin humors: in all kinds of old, inveterate and ſtubborn Ulcers, as the Woolf, Cancer, Fiſtula, *&c.* they are a certain Remedy: in the Gout, Kings Evil, Sciatica, Gonorrhæa Virulenta, but chiefly the *French* Pox, in what age, degree or kind ſoever (if curable) they are a certain cure. Doſe à gr. x. *ad* ℥j. in the morning.

2. *Pilula Agregativa Noſt.* Our Pills purging all parts.

℞ *Colocynthis*, *Scammony*, *Turpethum*, *Hermodactis*, *Jallap*, *Cambogia*, *black Hellebor*, ana ℥ij: *Rhubarb*, *Agarick*, *Sena*, ana ℥j: *Mercurius Dulcis*, *ſalt of Tartar*, ana ℥iiij: *Aloes* ℥x: *Cloves*, *Ginger*, *Aniſeeds*, ana ℥iij ſs: *all being in fine pouder, with ſyrup of Purging Thorn*, q. s. *make a maſs of Pills.*

It is an Univerſal Purge, wonderful in the Gout, performing what moſt other purges will do; it evacuates Choler, Flegm, Melancholy and watery Humors, cures Diſeaſes thence proceeding, and brings down the Terms. Doſe à gr. xx: *ad* ℥ſs: *manè.*

3. *Pilula Diuretica Cloſſei*, Diuretick Pills of Cloſſæus.

℞ *Venice Turpentine*, *white Vitriol*, ana, *mix them in a Mortar till they incorporate.*

They ſtrengthen the Reins, and provokes Urine much. Doſe à ℥j: *ad* ℥iij: as *Schroder* ſaith, for it is known by Experience, that Turpentine added to Vitriol takes off its Emetick and burning quality, making it thereby Diuretick. 'Tis an extraordinary good Medicine in all difficulties of making Water.

4. *Pi-*

4. *Pilulæ Ruffi Noſtræ, ſeu Peſtilentiales*, Pills of Ruffius after Our Order.

℞ *Aloes* ʒij: *Myrrh, Saffron*, ana ʒj: *Camphir* ʒſs: *ſalt of Tartar* ʒij: *make a maſs of Pills with ſyrup of Buckthorn.*

They both prevent and cure the Plague, and all malign Feavers: they purge gently the Head, Stomach, and Belly of Humors and Excrements; as alſo ſtrengthens the Womb and kills Worms. In Diſeaſes of the Stomach there is ſcarcely a better purge. Doſe *à* ʒ ſs: *ad* ʒij. overnight.

5. *Pilulæ Euphorbij Noſt.* Our Pills of Euphorbium.

℞ *Euphorbium* ʒſs: *Colocynthis, Agarick, Reſin of Jallap, Sagapenum, Aloes, ſalt of Tartar A.* ʒiij: *with ſyrup of Buckthorn* q.s. *make Pills.*

It is very good againſt the Scurvy, Dropſy and Gout, It cures the Yellow Jaundice and Kings-Evil; it warms the Stomach and purges water abundantly: Doſe *ad* ʒj, or gr. xxv. in the morning early.

6. *Pilulæ Hydropicæ Bontij*, The Hydropick Pills of Bontius.

℞ *Aloes* ʒij ß: *Cambogia, Ammoniacum A.* ʒj ß: *Scammony* ʒj: *Tartar Vitriolate* ʒ ß: *with ſyrup of Buckthorn*, q. s. *make a Maſs.*

It is good againſt tartarous Diſeaſes, hypocondriack Melancholy, obſtructions of the Liver, Spleen and Meſentery, *&c.* Theſe are the Pills with which *Bontius*, Phyſician to the Prince of *Orange*, got ſuch Credit in *Curing* the *Dropſy*, *&c.* for they purge water powerfully: Doſe à gr. x: *ad* ʒj.

7. *Pilulæ Tartareæ Sobroderi*, Schroders Pills of Tartar.

℞ *Aloes diſſolved in Juyce of Strawberries* ʒj: *Reſin of Ammoniacum* ʒ ß: *Salt of Steel, Eſſence of Saffron, A.* ʒj: *purging Magiſtery of Tartar* (*diſſolved*

in Bugloß water and inſpiſſated) ʒij: *Extract of Gentian* ʒj ß: *with Tincture of Tartar make a Maß.*

It purges Tartarous ſlime, and cleanſes the Stomach, Liver, Spleen, and Womb, curing all Diſeaſes ariſing from thence with eaſe. Doſe ℈ſs: before Supper, it will purge gently the next day.

8. *Laudanum Antimoniale Sennerti,* Sennertus his Pills againſt Feavers.

℞ *ſugared Oyl of Antimony* ʒj: *Aloes* ʒ ſs: *Ambergriſe, Saffron, A.* ʒij: *Eſſence of Saffron* ʒj: *make them into a maſs of Pills.*

It is excellent againſt Feavers, eaſing all Pains, it purges, and ſometimes ſweats. Doſe ℈ ſs: before the Fit, in *Elect. ad Tabidos.*

9. *Pilulæ Anodynæ Noſt.* Our Anodyne Pills.

℞ *ſalt of Tartar prepared (with Oyl of Aniſeeds by imbibing the Salt with the Oyl, till it has drunk up three times its weight of Oyl)* ℔ij: *ſtrained Opium (inſpiſſate almoſt to dryneß)* ℔j ß: *Viper pouder, Bezoar Mineral, A.* ℔ ß: *Extracts of Contrayerva, Virginian Snake-root, of Gentian and of Bayberries, A.* ʒiiij: *Camphir, Oyl of Mace by Expreſſion, diſtilled Oyls of Nutmegs, Cloves and Saſſafras, A.* ʒij: *mix, and make a maſs of Pills: if it grows too ſtiff, you may malax it with a ſufficient quantity of Mithridate or Venice Treacle: then keep it a ſilver Box with a ſcrew.*

It is Cordial, and brings forth the Small Pox and Meaſles; and is excellent good againſt all ſorts of Feavers, both continual and intermitting. It is a great Anodine, Diaphoretick and Diuretick, good againſt Melancholy, Phantaſms, Vertigo, Frenzy, Head-ach, Megrim, Stitches and Pains in the Side: it expells Wind, eaſes the Cholick, cauſes ſleep and reſt, helps pains in the Teeth, or in any part of the Body whatſoever: it cures Coughs, Aſthma's, the Pleuriſy, Vomitings, Weakneſs, pains and oppreſſion of the

the Stomach: It ſtops all Fluxes, heals a Gonorrhæa, ſtrengthens the Reins, is profitable in the Stone and Gravel, expelling them from the parts; and in a word, is a notable ſpecifick in the Gout, or any raging pain in any part of the Body. Doſe à gr. iiij. *ad* xij. or xvj. either alone in a Pill; or diſſolved in Sack. If Oyl of Aniſeeds in this Compoſition ſhould go againſt the Stomach of the Patient, you may make it up with Diſtilled Oyls of Juniper-berries, or of Fennel ſeeds, or of Wormwood, which is as good as any of them.

10. *Pilulæ Catholicæ Poterij*, Univerſal Pills of Poterius.

℞ *fine Aloes* ℥j: *choice Myrrh* ℥ ſs: *Maſtich* ʒij: *Saffron* ʒj: *white Flowers of Antimony* ʒij: *pouder each apart finely, and with ſyrup of Buckthorn*, q. s. *make a maſs of Pills by beating in a Mortar.*

This famous Compoſition is powerful againſt Cholicks, Aſthma's, Megrims, Vertigo's, Epilepſies, Gouts, Sciatica's, and all ſorts of Feavers. Doſe à gr. xv. *ad* xxv. in a morning faſting: the white flowers of Antimony (diſguiſed by *Poterius*, under the name of *Magneſia Saturnina meteoriſata*) are powerful in quickning the other Ingredients, which although they are exceeding Emerick alone; yet thus mixt they loſe that quality, and purge only by Stool.

11. *Pilulæ Odontalgicæ*; Pills for the Tooth-ach.

℞ *Caſtor* ʒj: *Opium Extracted* ʒij: *Camphir* ʒiij: *pouder the Camphir and Caſtor, which with the Opium make into Pills: if the Extract is too ſtiff, moiſten it with a few drops of the Syrup of Poppies.*

It is a famous Opiate againſt pains of the Teeth; which it eaſes in a moment; if a Tooth be rotten and hollow, put a little hereof into the hollowneſs, and leave it there, renewing it as need requires. It is alſo a moſt excellent thing againſt Fits of the Mother, and all pains

whatſoever, in any part of the Body, being no ways inferior to *Laudanum*: Doſe à gr. ij, *ad* iiij, or vj: If you add *Saccharum Saturni*, *Sal Prunella*, *A.* ℥j ſs: the Medicine will be never the worſe.

12. *Pilulæ Hyſtericæ*, Pills for the Womb.

℞ *Fœcula of Bryony, choice Myrrh, Vitriol of Mars, Salt of Mugwort, A.* ℥j: *Caſtoreum, Rue, Camphir, Galbanum, A.* ℥ij: *ſoft Extract of Aloes, (prepared with juyce of Mugwort)* ℥v: *with the Extract of Aloes and Galbanum diſſolved, mix the Vitriol of Mars, Salt of Mugwort, and Fœcula of Bryony pondred; then Caſtor, Rue and Myrrh, all in fine pouder; and laſtly the Camphir, reduced ſmall with a few drops of Spirit of Wine: make all into a maſs of Pills by beating: if there be not moiſture enough, you may ſupply the want with Hony of ſtinking Arach.*

This Medicine is a ſpecifick in Fits of the Mother, and in moſt other Diſeaſes ariſing from the Womb: it cleanſes and carries off all its impurities, is good in a *Cachexia*, the Green-ſickneſs, and to provoke the Terms, being taken à gr. xx. *ad* ℥ß: for ſeveral daies together.

13. *Pilulæ Arthriticæ Mayherni*, Dr. Mayherns Gout Pills.

℞ *pouder of Ground-pine* ℥ ſs: *Spaniſh juyce of Liquorice* ℥ij: *Betony* ℥jſs: *Stones of Medlars* ℥iij: *all being in a ſubtil pouder, with a ſufficient quantity of Venice Turpentine, make a maſs of Pills.*

The uſe of theſe Pills, *Mayhern* commends as a wonderful thing in the Cure of the *Gout*; being uſed (after univerſal purging of the three Regions of the Body, and a ſudorifick dyet) for about a years ſpace together; which although they cauſe no ſenſible evacuation; yet by the long and uninterrupted uſe of them, they ſend forth the *Tartarous matter* by Urine, by a faculty altogether ſpecifick

and

and thereby very much ſtrengthen the Joynts. Let them be taken every day *à* ℥j. *ad* ij. three hours before eating; walking, or uſing gentle Exerciſe after them.

14. *Pilulæ de Galbano Sylvij*, Sylvius his Pills of Galbanum.

℞ *Galbanum prepared with Vinegar of Squills* ℥ij. *Vitriol of Mars, calcined white by a ſlow and gentle fire, choice Maſtich, A.* ℥j. *Caſtoreum, red Myrrh, A.* gr. xv. *Saffron* ℈ſs. *Troches of Alhandal* ʒj. *Reſins of Jallap and Scammony, A.* ℥j. *Oyl of Citron peels* gut. vj. *mix and make a maſs for fifty Pills.*

They correct and mildly caſt forth glaſſy flegm from all parts of the Body, cure Gripings, Jaundice, fits of the Mother, Scurvy, Dropſy, and Gout. Doſe iij, iiij, or v. or ſo many Pills as may be convenient, in a morning faſting. They expel the vitious Humors ſlowly, yet ſurely and kindly: I have proved them admirable in the Kings-Evil and Rickets.

15. *Pilulæ Nucum Indorum*, Pills of the Indian Nuts.

℞ *Aloes, Cambogia, Scammony, A.* ℥j. *Indian Nuts* ℥ij. *make all into as fine pouders as you can, and with the Oily Nuts and a very ſmall quantity of Honey, let all be beaten into a maſs of Pills.*

They purge all Humors admirably, both upwards and downwards, taking away the filth of Stomach and Bowels, they cure Gouts, Dropſies, Jaundice, Scurvy, and are prevalent in all ſorts of Agues and Feavers: Doſe three little Pills, ſomewhat bigger than white Peaſe.

16. *Pilulæ Familiæ Noſtræ*, Our Family Pills.

℞ *Reſinous Scammony* ℥iiij. *Reſin of Jallap* ℥ij ℈ſs. *Gutta Gamba, Extractum Benedictum* (in our Pharm. Lond. Lib. 4. Cap. 8. Sect. 32.) *A.* ℥ij. *Tartar Vitriolate* ℥j ℈ſs. *Elaterium, Extract of Saffron, Pouder of Cloves, Mace, Nutmegs, Caſtoreum, A.* ʒj. *mix, and*

with Syrupus de Spina Cervina, q. s. *make a mass of Pills.*

The virtues hereof you may see at large in *Our Dispensatory, lib.* 4. *cap* 23. *sect.* 96. They are truly a specifick in the Scurvy, Dropsy, Gout, Consumption, and scabby or leprous Excretions: if you add to the Composition, *Colocynthis in pouder, Mercurius dulcis three times sublimed*, A. ℥j. it will be very powerful in killing of Worms of all sorts, whether in old or young; and will also be prevalent against the *French* Disease; but much more powerful in this last case if instead of the *Mercurius Dulcis* you put in as much good *Turpethum Minerale*, or *Artificial Cinnabar*; otherwise the simple prescript aforegoing, is inferior to no common Medicine, and may safely serve as an Universal Purge, in all Families: The rest of the Virtues, you may seek out in *Our Dispensatory*, the place aforecited. Dose *â* gr. xv. *ad* ℈j. or ℥ss. in strong bodies.

17. *Pilulæ Odontalgicæ Herlicij*, Pills for the Tooth-ach.

℞ *Parsly-seed gr. ij. Henbane seed, Opium, A. gr. iiij. Syrup of Poppies*, q. s. *mix and make a mass of Pills.*

They cure the Tooth-ach, presently; but they would be much more effectual, if to the Composition there was added *Camphir gr.* iij. *Sal Prunellæ, gr.* ij.

18. *Pilulæ Hystericæ Sculteti*, Scultetus his Hysterick Pills.

℞ *Pills of Castor* ℈ij. *Extract of Cochiæ* ℈j. *Resin of Jallap, gr.* vj. *Mugwort-Water* q. s. *make them into a mass, of which form twenty one Pills.*

In giving these Pills, he commonly opened before hand the Saphena Vein of the right foot, then he gave these Pills: they provoke the Terms powerfully, resist Vapours, and helps fits of the Mother. Dose seven Pills.

19. *Laudanum Minerale*

rale Mynſichti, Mineral Laudanum of Mynſicht.

℞ *Anodyn Sulphur of Vitriol, corrected and fixed* ℥ij. *Magiſtery of Pearl* ℥ſs: *Extracts of Lignum Aloes, and of Saffron, A.* ℈j. *Oriental Bezoar, Unicorns Horn, A.* gr. xv. *Oyls of Cloves and of Cinnamon, A.* ℥ſs. *mix, and with ſyrup of Corn Poppy flowers, make a maſs of Pills.*

It is a powerful Anodyn, cauſing reſt and ſleep, it ſtops Catarrhs, Coughs, helps Wheezings, and other affects of the *Trachea arteria*; it ſtops Diſtillations into the Breaſt, Lungs, Eyes, or Teeth, and helps in the Cholick. Doſe à gr. vj. *ad* x. or xij.

20. *Pilulæ ad Lepram Sculteti*, Pills againſt the Leproſy.

℞ *Pilulæ auræ* ℈ij. *Extract of Cochie minor* ℈ ſs. *Extract of black Hellebor* ℈ſs. *Reſin of Jallap*, gr. vij. *with Syrup of Betony*, q. s. *make twenty one Pills, and gild them.*

It is an excellent Purge for the intention: the ſick took theſe Pills, twice (ſeven Pills to a Doſe) which gave ten Stools at a time, after that the *Electuarium ad Lepram* (which ſee 22. Sect. 19. of this Book) had been taken 14 days.

21. *Pilulæ Aloëphangina Mynſichti*, The Aloetick Pills of Mynſicht.

℞ *Sena* ℥iiij: *roots of Polypody* ℥j: *of black Hellebor, Troches albandal, yellow of Orange Peels, Cummin-ſeed, A.* ℥ſs: *Roman Wormwood, Carduus Ben. Chamæpitys, Veronica, A.* M j: *of the Cordial Flowers, Arabian Stœchas, Centory flowers the leſs, Camomil, A.* P. iij: *groſsly bruiſe and infuſe all in Mallago Sack* q.s. *then boyl with a gentle fire, till a third part remain; after expreſs ſtrongly and ſtrain: In this ſtraining* ℔ii: *diſſolve of the very beſt Succotrine Aloes* ℥xvj: *ſtir continually over a gentle heat, till they are inſpiſſate to a juſt thickneſs; then add ſpecies Diamoſchi dulc. Diambræ, A.* ℥ſs: *Magiſteries of red*

Myrrh, and of Maſtich, Saffron in pouder, A. ℥iij: Oyls Chymical of Camomil, of white Amber, of Roſemary, of Cummin-ſeeds and of Carraways, A. ℥ſs: mix and make a maſs of Pills.

They are excellent againſt diſeaſes of the Head and Stomach, as Head-ach, Megrim, Vertigo, Epilepſy, Apoplexy, *&c.* they comfort the ſight, conſerve the Vigor of the Mind, and help difficulty of Hearing; In Hypocondriack Melancholy, and other affects thence proceeding, as Cancers, Elephantiaſis, Quartans, Black Jaundice, *&c.* and in all obſtructions of both Liver and Spleen; they are a moſt excellent Remedy. They cleanſe the Stomach of groſs, windy, and vitious Humors, help concoction, gently purge, and preſerve all the Viſcera from putrefaction. Doſe à ℈j: *ad* ℥j.

22. *Pilulæ proprietatis Mynſichti*, Pills of Property.

℞ *Pills Aloëphanginæ of Mynſicht* ℥iiij: *Tartar Kriolate* ℥j: *Lac ſulphuris* ℥ ſs: *Extract of the Wood of Aloes* ℥j: *mix, and with Malago Wine make a Maſs of Pills: adding a little Oyl of Fennel ſeed in making them up.*

The Virtues of theſe Pills are ſo great and (as *Mynſicht* ſays) ſo many, that we dare not venture to give you them in Engliſh, leaſt we ſhould be thought to Romance: take them therefore in his own words: *Caput, pectus, Hypocondria, & ſtomachum humoribus Craſſis, pituitoſis, & putridis repleta, pedetentim quidem, ſed radicitus expurgant: Immò humores tartareos & corruptos in ventriculo immerſos evacuant, & omnia membra principalia confortant & à putridine præſervant. Preterea omnes fluxus ſeu Catarrhos à Cerebro ad ſubjectas partes delabentes exſiccant & conſumunt. Concoctionem juvant. Appetentiam excitant. Virtutes Naturales muniunt. Sanguinem & ſpiritum Clariſicant. Mirificè adverſus peſtifera luis contagia populatim*

latim graſſantia pollent; nec non Lumbricos tam in pueris quam adultis necant, ſuffocant, atque deturbant. In Epilepſia, Tuſſi, Apoplexia, Aſthmate, Phthiſi, Hectica, Lue Venerea, Convulſione Nervorum, Arthridite, Podagra, Sciatica, venarum, viscerumque obſtructionibus ſummopere conducunt & à me ordinatæ ſunt, potius ut confortent, quàm ut alvum ducant: poſſunt tamen pro lubricitate alvi ad libitum ſive manè, ſive ſerò, ſive quavis hora diei, poſt Cibum, ante Cibum, in omnibus ferè morbis præcipuè autem Phlegmaticis & corroſivis uſurpari. Tum quoque in omnibus febribus continuis & intermittentibus agris feliciſſimo ſucceſſu offeruntur: non ſolum enim alvum aliquo modo ſolvunt; ſed etiam Corporis vires reſtaurant atque refocillant. Doſis eadem obſervatur, quæ in pilulis Aloëphanginis noſtris. The Virtues are indeed the ſame with the former, ſave this is the more powerful Medicament.

23. *Pilulæ Anodynæ Mynſichti*, Pills eaſing pain.

℞ *Pill Aloëphangine of Mynſicht* ʒiij: *Tartar Vitriolate, Laudanum Mynſichti, A.* ʒj: *mix, and with Confect of Alkermes diſſolved in Aqua Hypnotica, make a maſs of Pills.*

They eaſe and mitigate all ſharp and acute pains whatſoever, the Torſions of the Bowels, Griping of the Guts, Cholick, Stone in the Reins, Gout, Pleuriſy, long watchings, and in almoſt all other Diſeaſes, they are found to be excellent, and indeed to excel, and to be more ſafe than Laudanum alone: for by reaſon of the additions of the *Pilulæ Aloëphangine*, and the Tartar Vitriolate, the Laudanum cannot bind the Belly, in ſuch ſort as when it is given alone. Doſe â gr. xij: *ad* xv. or ʒj. or gr. xxv. or ʒſs: to be taken at night going to Bed.

24. *Pilulæ Antiſcorbuticæ*

ca Timæi, Pills againſt the Scurvy.

℞ *Quercetans Melanagogue Pills* ℥ij ſ ſ: *Extract of Sena* ℥ ſ ſ: *Reſin of Jallap* ℈j: gr. vj: *Tartar Vitriolate* gr. xiij. *Volatile Salt of Amber* ℈j: *ſeeds of Garden Creſſes, of Scurvy Graſs, of Muſtard, A.* ℥ ſ ſ: *mix, and make Pills*, S. A.

The Title ſhews the Intent, they purify the Blood, and cleanſe the whole body from all cold, thick, viſcous, watery, flegmatick and melancholick humors. Doſe â ℈j: *ad* ℥ ſ ſ.

25. *Pilulæ Uterinæ Mynſichti*, Pills for Womb.

℞ *Mynſichts Pilulæ Aloëphangine* ℥j: *Fæcula of Bryony* ℥j: *ſalts of Tin, of Pearl, of red Coral, A.* ℥ ſ ſ: *Extracts of Caſtoreum, of the Callons of Horſe Legs, A.* ℈j: *Oyl of Angelica* ℈ ſ ſ: *mix, and make a maſs of Pills, which form by anointing your Fingers with Oyl of Amber.*

They cleanſe and ſtrengthen the Womb, provoke the Terms, and help fits of the Mother. Doſe â ℈j: *ad* ℥ ſ ſ: in any proper Vehicle.

26. *Pilulæ ad Peſtem Fioravanti*, Pills againſt the Plague from Fioravant.

℞ *fine Role, Terra ſigillata, Zedoary, roots of white Diptamnus, fine Aloes, Camphir, A.* ℥ ſ ſ: *Diagridium, Saffron, A.* ℈j: *let all be in a ſubtil pouder, and with clarified Honey*, q. s. *make a Maſs of Pills.*

The Title ſhews the Intention; they may be given in all maligo Feavers, from ℈j. *ad* ℥ ſ ſ, or ℈ij.

CAP.

CHAP. XXIV.

of TROCHES.

1. *Cachunde Indicum Zacuti Luſitani*, Indian Cachunde of Zacutus.

℞ *Terræ Cimiolæ, or Sigillatæ* ℔ij: *red Saunders* ℔iiij: *burnt Ivory* ℔ij ſs: *Oriental Bezoar* ʒxx: *Lignum Aloes* ʒx: *burnt Silk* ʒviij: *Ambergriſe* ʒvj: *Pearls prepared* ʒiiij: *yellow Saunders* ʒiij: *Muſk, Gallia Moſchata, Maſtich, Calamus Aromaticus, Galangal, Cinnamon, Rhubarb, red Coral, fine Bole, Wormwood, Myrobalans, Chebulan and Bellerick, Aloes, waſht with juyce of Roſes, A.* ʒij: *pouder what is to be poudred very fine, and being moiſtned with ſome few drops of Balſam, odoriferous Wine, and Cinnamon Water, let them be dryed in the ſhaddow, and then made up with a ſufficient quantity of fine and white Sugar: ſoften all till they become a lump of Clay as it were, very clammy, roapy, and exceeding red: of which (as of China Diſh-ſtuff) many things are ſhaped, and veſſels framed, which Merchants carry from the* East-Indies, *to ſundry parts of the World, eſpecially to* Lisbon *in* Portugal: *what I have ſeen of it, was in the form of Tablets or Troches, with a certain Seal and Inſcription, by which it was pretended that they wrought alſo Magically.*

This Antidote is uſed by the Princes of *India* and Noble Men of *China*, eſpecially to move Venery, for it wonderfully provokes Luſt, and ſtrengthens the procreative Virtue, or Genital and Seminal parts, being thus uſed. They hold a bit in their Mouths, as big as a lentil, whence a ſweet and odoriferous Liquor and ſcent

ſcent does flow. It ſtrengthens the Stomach, diſcuſſes Wind, powerfully helps Melancholick Diſeaſes, ſettles a trembling Heart, is exceeding available for pains at Stomach, falling ſickneſs, and cold Diſeaſes of the Nerves. It refreſhes the Vital and Animal Spirits, ſtrengthens all the Faculties, defends the Brain, is good againſt Poyſon, and the chief remedy in the World againſt a ſtinking Breath. It preſerves the ſymmetry of the natural heat, delays Death, and makes a long Life, being ſold at a very great rate. It ſtrengthens to admiration, being chiefly taken by the Vice-Roys, and Princes of *India*. Thus *Zacutus Lucitanus*, in his *Prax. admirand. Lib. 2. Obſ. 6.* We know it to be an Antidote againſt all ſorts of Poyſon, Plague, and Peſtilential Feavers, Small-Pox, Meaſles, all ſorts of Melancholy, Atrophia's, Hectick's, and other waſting or pinings of the Body. Doſe à gr. xij. *ad* ℈j. and ſometimes *ad* ʒſs. or more.

2. *Succolata Indica Antonij Colmineri*; Indian Chocolate of Colminer.

℞ *Cacao Nuts, N°.* 700. *Cods of long red Pepper, N°.* xiiij. *Cods of Campeche, N°.* vij. *Almonds, Hazle-Nuts, A.* lxxxiiij. *or their equal weight of Rice in fine pouder: Cinnamon* ʒij. *Cloves, Mace, Nutmegs, A.* ʒj ſs. *Aniſeeds* ʒiiij. *Achiote* ʒj. *or enough to color it: fine white Sugar* ℔jſs. *mix and make a maſs, which form into Rotula or Rouls weighing* ʒiiij, viij, *or* xij. a piece.

There are various ways, Ingredients, and Proportion, extant, in order to the making up of this *Compoſitum*, among which two are chief, *viz.* that which we have exhibited in *Our Pharmacop. Lib.* 4. *Cap.* 24. *Sect.* 63. and this which we have inſerted here. They were deſcribed both of them, by *Antonio Colminero* of *Ledeſma* in *Spain*, a Doctor of Phyſick, whoſe Deſcriptions we have followed in both places, with ſome ſmall alterations, chiefly in the Aniſeeds, in the

the Diſpenſatory it is ℥ vij: here 'tis ℥ iv only: they that fancy not the Aniſeeds may put in the leſs: It is a great reſtorer of Nature, and therefore good againſt Conſumptions and Hecticks. The manner and Practiſe of uſing of it, you muſt ſearch out in our *Pharmacopœa*, the place afore-cited. In the making up hereof, if the diſſolution of a little Gum Tragacanth in Roſe-water be added, the body will be the more firm, keep better, and more ſtrongly reſiſt the Intromiſſion of the Air, which otherwiſe it would be the more ſubject to.

3. *Trochiſci de Contrajarva*, The Contrayerva ſtone.

℞ *Contrayerva, Oriental Pearls, red Coral, White Amber prepared, A.* ℥ ij: *Crabs Eyes prepar'd* ℥ j: *make them up into Balls or Troches with Gelly of Vipers, dry, and keep them for Uſe.*

This Medicine is a great Cordial, good againſt Poyſon, plague, and other malign contagious and peſtilential Diſtempers. Doſe à ℈ j *ad* ℥ j, in broth, Cinnamon-water, or Cordial Syrup.

4. *Trochiſci Alexiterii noſt.* Our Cordial Troches.

℞ *Extracts of Contrayerva of Virginea Snake-weed, of Roots of Angelica, of Elecampane, A.* ℥ ij ; *Magiſteries of Pearl and Coral made with ſpirit of Venus, Viper-ponder A.* ℥ iij: *Oriental Bezoar* ʒß: *with white Sugar, and mucilage of Gum Tragacanth, A. q. s. and Muſk* ℈ ij, *make Troches.*

They comfort the heart, reſiſt Poyſon, ſtrengthen nature, cure the Plague and all malign Feavers, reſtore ſuch as are in Conſumptions, and facilitate the Delivery of Women. If they be given in Travel, or to women having Fits of the Mother, or that are troubled with the the Spleen, you will do well to leave the Muſk out. Doſe ℈ j.

5. *Trochiſci bechici Opiati*, Troches for a Cough.

℞ *Juyce of Liquorice* ℔ j: *pure*

pure Sugar ℔ij. *Opium* (*dissolved first in Juyce of Limons strain'd and inspissated, then in oyl of Sulphur mixt with water, and inspissate*) ℥j: *with mucilage of Gum Tragacanth in Poppy-water, and Musk* ʒj: *make little Troches.*

They cure the Cough, and help hoarsness, ease pain in the Stomach, cause rest, stop loosenesses and all fluxes of humours, and help spitting of Blood. Dose â gr. xij. *ad* ℈j.

6. *Trochisci de Gutta Gamba*; Troches of Cambogia.

℞ *of the Gum in pouder, mix it so with oyl of Tartar, that it may be a Paste: Malax it long in a Glass Mortar with a Glass Pestel, till it change Color: add S. V. tartarized; steep it 15 hours in heat that will not melt it: decant and malax as before, with fresh oyl of Tartar; Do it thrice; then being white, wash it with Rose-water, dry it, and make Troches.*

It purges gently without Vomiting, and is excellent against the Dropsy, and all Diseases proceeding of watery and hydropical humors. Dose â gr. xvi. *ad* ʒß.

7. *Trochisci Moschati Sculteti*, Musked Troches of Scultetus.

℞ *Species Diaireos* ℈ij: *Diambra pouder of Orris, A.* ℈j: *Troches of Gallia Moschata, gr. xxij: Amylum or white starch* ʒj: *white Sugar candy, Sugar Penids, A.* ʒ vj; *Ambergrise, gr. vj: with Mucilage of Gum Tragacanth in Rosewater* q.s. *make Troches.*

They are pectoral, good against Coughs, and vices of breathing, with other Diseases of the Lungs; they also cause a sweet Breath.

8. *Trochisci Benzoi*, Aug. Troches of Benjamin.

℞ *Benjamin* ʒ vj; *wood of Aloes* ʒ viij; *Styrax Calamita* ʒiij; *Ireos florentine* ʒij.; *Musk* ʒß: *sugar* ℔iij *mix and make Troches.*

They strengthen and comfort the head and stomach, drying up cold and moist humors.

9. *Tro-*

9. *Trochiſci de Corallio Nicholai*, Nicholaus his Troches of Coral.

℞ *Red Coral, Cinnamon, Myrrh, Amomus, Poppy ſeeds, A.* ℥ß: *Schœnanth, Saffron A.* ℥ii; *Calamus Aromaticus, Xylobalſamum, Caſſia lignea, Indian leaf or Mace, Maſtich, Phu, or Valerian, Polymountain, Aſarabacca, Doves-Foot, A.* ℥j: *Wine* q. s. *make Troches according to Art.*

The Troches of Coral in Our *Pharm. lib.* 4. *cap.* 24. *ſect.* 42. are from *Galen*, and are of a very aſtringent and binding nature: theſe alſo bind and ſtop fluxes of Blood, but nothing in compariſon of them: thoſe of *Galen* are moſt ſtyptick, theſe are moſt Cordial; theſe being taken in a morning faſting are prevalent againſt Wind, the Cœliack paſſion, and the Bloody-Flux.

10. *Trochiſci de Croco Nicholai*, Nicholas his Troches of Saffron.

℞ *Saffron* ℥ß: *red Roſes, Biſhops-weed, Myrrh, A.* ℥ſs: *Xyloaloes* ℈ij: *with Roſe Water* q. s. *make Troches.*

They open Obſtructions of both Liver and Spleen, diſcuſs Wind, and ſtrengthen the Heart.

11. *Paſtilli Nerœ*, Perfuming Cakes or Troches of Nera.

℞ *of the beſt Ambergriſe* ℥viij: *Xyloaloes* ℥iij: *Muſk* ℈ſs: *Camphir* gr. ij: *let all be reduced into fine pouder, and form Troches according to Art.*

They are a great perfume, and a moſt excellent Cordial, ſtrengthning the Head, Brain, Heart, and all the principal parts; and mightily recreating the Spirits. The Pouders are made into Troches, by a ſmall addition of *Liquid Amber*, or *Opobalſamum*. They are ſeldom made but for Kings, Princes and great men.

12. *Trochiſci Peſtilentiales*, Troches againſt the Plague.

℞ *yellow of Citron Peels dryed* ℥ſs: *Zedoary, Angelica,*

luca, A. ʒſs: *Xyloaloes* ℈ij: *Orrice-root* ʒſs: *Cloves, choice Cinnamon, Nutmegs, A.* ʒj: *white Sugar* ʒiij: *with Mucilage of Gum Tragacanth, make Troches.*

They are of good uſe to be held in the Mouth till they diſſolve, in all peſtilential and contagious times, or when any Epidemick Diſeaſe is reigning.

13. *Trochiſci Vitæ Mynſichti*, Mynſichts Troches of Life.

℞ *Tabulated ſugar* ʒviij: *Confect of Alkermes* ʒſs: *Pearls prepared, Ambergriſe, A.* ʒj: *Muſk, fine precious ſtones prepared, A.* ℈j: *Elæſaccharum of Cinnamon and of Cloves, A.* ℈ſs: *mix and with Mucilage of Tragacanth in Roſe Water make Troches.*

They are a very great Cordial, good againſt fainting and ſwooning Fits, and other paſſions of the Heart and Spirits.

14. *Trochiſci Ophthalmici Mynſichti*, Troches for ſore Eyes.

℞ *Ceruſe waſhed* ʒj: *Harts-horn calcin'd without fire: Sarcocol cleanſed, Tutia prepared, A.* ʒſs: *Gum Arabick, Tragacanth, Amylum, A.* ʒij: *Mother of Pearls prepared, Pompholyx, Olibanum, A.* ʒj: *Opium prepared, Camphir, A.* ℈ſs: *mix, and with the white of an Egg, make Troches.*

Being diſſolved in any proper water for a Collyrium, they prevail againſt all Diſeaſes of the Eyes, as Rheums or defluxions of ſharp humors, ſoreneſs, blood-ſhot, and Itch of the Eyes; as alſo againſt all manner of ſharp pains, Scabs, Ulcers of the Eyes, Puſtles, Blows, Ruptures, Conſuſions, *&c.*

15. *Trochiſci de Alumine Mynſichti*; Troches of Alum.

℞ *Crude Alum, roots of Pyrethrum, A.* ʒſs: *long Pepper, Henbane ſeeds, A.* ʒij: *Rye flower, white Chalk, Niter prepard, A.* ℈ſs: *Ginger, Cloves, Opium prepared, A.* ℈j: *with Juyce of the ſmall ſtinging Nettle make Troches.*

They

They cleanſe the Teeth, being rubbed thereon; alſo they give eaſe in the Tooth-Ach, being held in the Mouth againſt the place pained.

16. *Trochiſci de ſatureia Mynſichti*, Troches of Savory.

℞ *Savory dryed* ℥ß: *Marjoram, Origanum*, *A.* ℥ij: *Flowers of Lavender, of Roſemary, red Roſes*, *A.* ℥jſs: *Xyloaloes, Gum Arabick, Tragacanth, roots of Avens, Florentine Orice*, *A.* ℥j: *Cloves, Nutmegs, Cardamoms the leſs, Cubebs*, *A.* ℥ſs: *Ambergriſe, Muſk*, *A.* ℈ſs: *mix, and with the whites of Eggs, make Troches weighing each one Dram.*

Two, three or four or more being diſſolved by boyling in *Mynſichts Cephalick Lixivium* (which ſee in Our *Pharm. Lond. lib. 5. cap. 1. ſect.* 38.) and the Head then waſhed therewith warm, cleanſes the skin thereof from its filth and excrements, it alſo opens the Pores thereof, and thereby eaſes vehement Head-achs, Megrims, and helps other Diſeaſes thereof, coming of cold and moiſture: It cleanſes, ſtrengthens, and corroborates all the parts of the Head, helps againſt a Vertigo, drys up Catarrhs, comforts the Memory, and ſharpens the Senſes.

17. *Trochiſci de Nitro Mynſichti*, Troches of Niter.

℞ *Rouls of Barberries* (ſee Our *Pharm.* Lib. 4. Cap. 24. Sect. 61.) *Rouls of the juyce of Engliſh Currans*, *A.* ℥viij: *ſpecies Diarrhodon Abbatis, ſprinkled with Spirit of Vitriol, Niter prepared*, *A.* ℥j: *pouder of Roſes vitriolated* ℥ij: *Oyl of Cinnamon* gut. iiij: *mix, and with Tragacanth diſſolved in juyce of Citrons, make Troches.*

They are good in Quinſies, Inflamations of the Mouth and Tongue; effervescencies of the Blood, ſcalding and heat of Urine, and in all burning Feavers, chiefly a putrid Semitertian. Doſe ℈ ℥j: *ad* ℥ij: in any ſpecifick Vehicle.

Doron Medicum.

A SUPPLEMENT TO THE *External Compound Medicaments.*

LIBER TERTIUS.

CHAP. I.

Of LOTIONS.

1. L *Iquor Cosmeticus Maxij*, Maxy his beautifying Liquor.

℞ *ſpring Water* ℔v. *bitter Almonds blanched* ℔ ſs. *Camphir, Ceruſe, both in fine ponder, A.* ℥ij. *Corroſive ſublimate in fine ponder* ℥ij. *juyce of two large Limons or* ℥iiij. *in which diſſolve the ſublimate, make the Almonds into Milk with the Water, ſtrain, and therewith mix the Camphir, (firſt diſſolved in a little thereof) then the Ceruſe, laſtly the diſſolved ſublimate.*

It is an excellent thing to cleanſe the Skin of all manner of Impurities, as Scabs, Itch, Pimples, Freckles, Sunburnings, Spots, Redneſs, Yellowneſs, Scurfs, Morphew, and ſuch other like Deformities, only by waſh-

in

ing therewith morning and Evening; put a little out into an earthen thing (not any thing of Metal) and therewith wash, but beware that you let it not touch either Eyes or Teeth.

2. *Liquor Cosmeticus*, A Beautifying Liquor.

℞ *of the Galls of Oxen or Bulls* ℔ iiij. *digest twenty four hours in B.M. adding Roch Allum, Sandiver, or Salt of Glass poudred, A.* ℥j. *mix, and put them into a glass Matrass, which stop close: expose all to the Sun (in the midst of Summer) for* 14 *days, shaking the glass every day; then filterate. In the filterated Liquor, put Venice Talk (poudred fine, and dissolved in Spirit of Vinegar, from Spanish Wine)* ℥ij. *Borax, Sperma Cati, A.* ℥j. *Sugar Candy* ℥iij. *Camphir, sweet Sublimate, A.* ℥ss. *then expose them to the Sun again for fourteen days more, shaking the Glass often every day: Lastly, filterate, and keep it for use.*

It is an excellent Cosmetick, takes away Freckles, Scurff, Morphew, and other Deformities from the Skin, which first let be made very clean, with Wheat-Bran water, then with warm fair water, after which lay on this: this do morning and evening.

3. *Liquor Cosmeticus Willisii*, Doctor Willis his Cosmetick Water.

℞ *Mercury sublimate in ponder* ℥j. *put it into a Tin Vessel with three pints of Spring Water: let it stand twenty four hours, now and then stirring it with a wooden Spatula, until the whole Liquor grows black, then filter it through brown Paper, so will it be clear; keep it in a Glass for use.*

It helps admirably all cutaneous Diseases and deformities, as Freckles, Lentils, *Macula Materna*, redness, Worms, *&c.* for it drives away the humors within the little Pores, dissolves the inveterate and stubborn combination of Salts and Sulphurs, and restores the whole Skin (though evilly

framed, as to its Pores) making it well coloured. Wherefore it is useful, not only to cleanse the spots of the Face, but also to take away wheals and its redness, as also the Disease called *Erysipela's*. Particularly for Worms in the Face with black Heads, it is an appropriate Remedy above all others: yet it ought not to be used too familliarly, least by the constancy thereof, it should fall into the Pores, and insinuating it self with the Blood and nervous Liquor, should prejudice their temperaments, and so imprint on the *Brain*, or on the *Præcordia*, a virulency never to be wiped out.

4. *Liquor* seu *Vinum Cosmeticum*, A beautifying Wine.

℞ *Camphir sliced* ℥ij. *bruise it in a Glass Mortar, and affuse thereon leisurely, the juyce of one Limon: after add White Wine* ℔j. *Strain it, letting the remaining Camphir remain in the Glass; tyed up in a rag.*

This Liquor repels, and by often using of it, is said to take away Freckles, Spots, and other discolourings from the Skin.

5. *Lac Aluminis Mayherni*; Doctor Mayherns Alum Milk.

℞ *Aqua Vitæ (but the Cephalick Water of* Millius, *in Our* Pharmacopœia, Lib. 4. Cap. 1. Sect. 39. *is better)* ℔j. *the whites of New laid Eggs N°.* vj. *shake them a great while together, with* 10 *or* 12 *lumps of Alum, about the bigness of a large Nutmeg, in a well glazed earthen Pot, till it is white like Milk.*

This Milk is of eminent use for easing pains of the Gout, by outward application: thus, With six spoonfuls of this Milk (being so warmed as to take off the cold) mix two spoonfulls of Red Wine (warmed by it self also) that is the best Alicant: In this mixture dip linnen cloths, and apply them warm to the part afflicted: it gives present ease, and is eminent against all other

other pains and inflamations whatsoever.

6. *Liquor Ophthalmicus Maxij*, Maxy his Eye Water.

℞ *a Lixivium of Quick-lime* ℔j. *filter it, and dissolve therein Sal Armoniack in powder* ℥j. *put them all into a Bruss, or rather Copper Basin, letting them to stand therein for a Night, that the Liquor may be of a saphevine colour: in this Liquor dissolve fine Aloes* ℥ij: *Virgin Honey* ℥ss. *and keep it for use.*

This is one of the best Remedies yet known for Blindness, Dimness of the sight, Pin and Web, Pearls, and all other Infirmities of the Eyes, *&c.*

7. *Liquor Septicus*, A Caustick Water.

℞ *Niter* ℥viij. *Verdigrise* ℥iiij. *mix them, and in an Iron Mortar, well heated, burn them: then ponder them, and in a convenient Vessel, let them dissolve in a moist place into Liquor by dropping.*

It consumes rotten and proud flesh, and all sorts of Excrescencies, chiefly such as accompany the *French* Pox.

8. *Aqua Viridis Hartmanni*; Hartman's green water.

℞ *Rhenish Wine, Nightshade water, A.* ℔j. *Sulphur Vive, Alum, A.* ℥j. *Album Gracum, Tops of Savin and Elder, A.* ℥j. *leaves of Hypericon, Sage, Rosemary, Rue, Plantane, Penny-Royal, A.* M. j. *boyl all together for a quarter of an hour, then strain it, and dissolve therein Honey of Roses* ℥ij. *Verdigrise* ℥j. *strain again, and keep it for use.*

It cures all sorts of Ulcers of the Mouth, Throat, and Nostrills, and in all other parts of the Body, as well Scorbutick as Venereal: you may wash the Ulcers with Cotton or Lint, dipt in the Water.

9. *Liquor Aluminis Mindereri*, Alum Water of Mindererus.

℞ *Roch Alum*, q. s. *ponder*

der it, and put it into a Hogs Bladder, tying it close. Put it into a Kettle of hot Water, till the Water is dissolved: this solution bring over the Helm in a low Retort, distilling to dryness; taking heed, that you so urge not the fire, as to force over the corrosive Spirits from it. The Feces or Caput Mort. put into a Bladder, and dissolve as before, then distil again. This work so often repeat, till the whole body of the Alum is brought over the Helm. Lastly, filterate the Liquor, and keep it in a glass close stops for use.

This Water is Scyptick, good in a Gonorrhæa, and the whites in Women, but designed by the Author chiefly for the stopping of Blood, in any kind of Hemorrhage, which he kept as a peculiar Secret. *Mindererus* saith, that this Liquor is so strong, that it is able to draw the Veins together, without corrosion, being applyed to Wounds, or any bleeding part: you may also mix with it Tragacanth, Gum Arabick, *Sanguis Draconis* and Glair of Egg. But you are to observe whether the Patient has heated himself in Storming a place, or by any other kind of Exercise, or otherwise is distempered with passion, for so long as this lasts, the blood is in an Ebullition and rage, and is then stopt with more difficulty. In this case, stop the Wound with Peacocks Dung, then dip pledgets in the former mixture, and apply them cold to the Wound, and the bleeding will cease.

10. *Liquor Stypticus*, The Astringent Liquor.

℞ *Fine Bole* ℥ ij: *Roman Vitriol a little calcin'd, or till it is grey,* ℥ j; *Camphir* ℥ ß: *Plantain water* ℔ jv: *mix them and keep them in a Vessel close stop'd for use: you may mix the Camphir in powder with the Vitriol in powder, and so calcine them.*

It is an admirable thing in diseases of the Eyes, to stop all fluxions of Humors, to ease Pains, help the Gout, dry up Rhumes, and cure old Ul-

Ulcers, and other hollow and running fores.

11. *Liquor ad morbum oculorum*, An admirable eye-water.

℞ *Bean-flowers, Endive-flowers, Eye-bright, A.* ℔ij *Rosemary-flowers, Comfry-flowers, Red Roses, A.* ℔j. *mix and prepare them according to Art; then distill them in a gentle* B. M. *to every quart of which water add Niter* ʒ ß.

It is an excellent liquor for the Eyes, cures Rheums, and helps almost any infirmity of them, yea some have been helpt of blindness by the use thereof: wash the Eyes therewith 5 or 6 times a day: take it also inwardly morning and evening to ʒ iij or iv.

12. *Liquor stypticus Paracelsi*, The Specifick styptick of Paracelsus.

℞ *The Quintessences of fine Bole, of Iron, and of Amber, A.* ℔j: *digest in Ashes for a Month; then put into it dryed Tartar in fine pouder* ℔j ß: *mix them, and with this cure the Body where need requires.*

This and such like Specifics are not searchable, (whilst in their bodys) but in their separated substances do attract more than is credible, because of the nature and quality of their most great dryness, and therefore are they called specifick Stypticks, as being styptick above and beyond all others.

13. *Liquor Vulnerarius Paracelsi*, The specifick Vulnerary liquor of Paracelsus.

℞ *Sámech well burnt, and calcined to Whiteness, to which add* circulatum minus; *then afterwards distill it, that a most dry* Caput Mort. *may remain in the bottom, and that the Glass be wholly red hot: then pour on fresh* Circulatum *again, as before: thus do so long till the* Circulatum *comes off altogether sweet therefrom, as it is in its self; then let it resolve by it self: what resolves is the Remedy here spoken of.*

We shall not, saith *Paracelsus*, make any singular description of the Virtues of this Medicament, but do make

this general Assertion, That 'tis fit for all Wounds, as being that with which we have cured many hundred of wounds withal by a bare washing, and that above what is credible to be don by nature; for it knits the lips and sides of Wounds together, as two pieces of boards are with Glew, which is done with the greatest Siccity and stiptickness as may be, to serve for the flesh only.

14. *Liquor ad Ulcera Paracelsi*, The Specifick Liquor for Ulcers.

℞ *of the former Liquor, made in like manner of rust of Iron,* ℥. ℔j: *mix them, and add thereto Oleum Martis* ℔ j ß: *all being throughly permixt, digest six months over a gentle heat in Sand, then keep it for use.*

With this you are dayly to wash Ulcers, as you shall see need, applying over a consolidative plaster, proceeding also with proper Ligatures, to the end of the Cure; for this is to be heeded, That the Members are to be (as it were) drawn together or compress'd with Ligatures, which thing we largely enough teach in other places.

15. *Aqua Mercurialis Paracelsi*, The Mercurial Water of Paracelsus.

℞ *Mercury seven times sublimed (with Vitriol, Niter and Alum)* ℔ iij: *Sal Armoniack clear and white, thrice sublimed, (from Common salt)* ℔ j ß: *both of them being ground together, and alcholized, sublime them together in a sublimatory, in sand, for nine hours: Let all cool, then take off the Sublimate with a Feather, and sublime it with the remainder, as before: repeat this operation four times, untill it will sublime no more, and the mass remains black in the bottom, and flowring like to wax: cool it, take it out, grind it again, and put it into a glass dish, and imbibe it often times with the Water of Sal Armoniack (but let it be the prepared water) and let it coagulate of its own Accord, and then again imbibe it, and dry it, even till 9 or 10 times, untill it will be almost no more*

coa-

coagulated: after grind it ſubtilly upon a Marble, and diſſolve it in a moiſt place, into a clear liquor or water, the which rectify by diſtillation in Aſhes from all feces, and keep it for uſe.

This water reduces Melancholy Bodies into their firſt Matter, *viz.* into *running Mercury*, ſuch a Mercury as it was in the center of the Earth, before the Generation of Metals, to wit, a moiſt and viſcous Vapour, containing in it the Mercury and Sulphur of Nature inviſibly, which are the Principles of all the Metals, and ſuch a Mercury is of unſpeakable Virtues, and poſſeſſes divine Secrets, ℞ *of this our Mercurial Water* ℥viij, *put thereinto leaves of fine* Sol *or* Luna ℥j: *digeſt in hot Aſhes in a glaſs cloſe ſtopt for eight hours: ſo ſhall you ſee the body of* Sol *or* Luna *in the bottom of the Veſſel, tranſmuted into a ſubtil Vapour or Mercury: the ſolution being made of the whole Mercurial Water, ſeparate it from the firſt matter by ſublimation in an Alembeck, with a gentle fire; and keep it in a glaſs cloſe ſtop'd:* By this means thou ſhalt have the true Mercury of a body, the uſe whereof in deſperate Caſes (provided it be wiſely uſed) is miraculous and cæleſtial, and therefore not to be revealed to the unworthy.

16. *Balneum artificiale, ubi therma naturalia deſunt,* An Artificial Bath, imitating the natural.

℞ *the pureſt Niter you can get, diſſolve it in rain water, ſo as that the Water may imbibe as much of it, as it can. Put this Nitrous ſalt into a common earthen veſſel unglazed, which ſet in a Cellar. This Veſſel in a ſhort time will be white all over on the outſide, as with a hoar froſt, which whiteneſs is partly the flowers of the Niter being the pureſt part thereof, penetrating the Veſſel, and partly the Nitrous air, condenſed into Niter, by the coldneſs of the Veſſel, and aſſimulated to the Niter penetrating the Veſſel. And indeed ſuch is the coldneſs of an earthen Veſſel, wherein Niter is diſſolv'd*

in

in Water, that it will, being set in Snow (though by the fire side) be forthwith frozen. These aforesaid flowers of Niter strike off with a feather, and when you have a good quantity of them, as ℔ iij, jv, *or* v. *put them into Bolt heads* (℔ j, *in each bolt head) so that two parts of three be empty: nip them up, and set them in Ashes, and give a reasonable strong fire,* viz. *such that the upper part of the Ball of the Bolt-head be as hot as you can well suffer your hand upon it; and you shall see that the Niter will be dissolved every day by little and little; and in two or three months time be wholly dissolved, and become acid; but not so acid as its spirit made by distillation;) then put it into a glass Gourd with a Head, and distil it off, and in the bottom you will find an acid nitrous Salt, almost fluxil. Put the destilled water now drawn upon the said Salts, and keep it for use. When you would make a hot Bath; Take your proportion of Fountain Water, and make it sufficiently acid with this nitrous Liquor; then put upon it a sufficient quantity of the best Sulphur Mine, or Sulphur vivum, in a large wooden Vessel, where the sick is to be bathed,* viz. *a Bathing Tub, and the water will presently be heated so hot, as is possible to be endured.*

The use of this Bath is for all such evill affects as are in the habit of the Body, and out of the Veins; as Palsies, Convulsions, Catarrhs, Rheums, fluxes of cold Humors, running Pains and Aches in the Bones, discolourings of the Skin, *&c.* for it resolves, discusses, cleanses, mollifies, and gives ease, in the extremities of dolor and grief. It may also be taken inwardly to dissolve gross and viscous Humors, open Obstructions, cleanse the Reins and Bladder, of the Stone, Gravel, or other glutinous matter, stopping the passages, and to help all affects of the Womb, proceeding from cold and moisture, Wind and filthy Humors, as Whites, *&c.* but this observe in the inward use, that the Water be drunk warm, and in

in a good quantity, least it do more hurt than good.

17. *Liquor Viticulorum*, Liquor of Vine Branches.

℞ *Ly of the Ashes of Vine Branches* ℔j. *Common Salt, sharpest Wine Vinegar, A.* ℥j: *Niter* ℥j ʒs: *mix, dissolve, and keep it for use.*

It is an extream good thing against all sorts of Inflamations, chiefly such as are Oedematous or Erysipelas-like, (St. *Anthonies* Fire) which for the most part invade the Limbs, and are very hard to cure. *Sculteius* saith, he never Experienced a better Remedy. After general Remedies, dip a double Linnen Cloth in this Liquor luke warm, and apply it to the part affected, binding it on with Rowlers, it does wonderfully drink in, and discuss in three, or at most in four daies time, great dangerous swelling, threatning great mortification. A *German Chyrurgian* communicated it to *Spigelius*, and he to *Sculteius*.

18. *Regulata*, Our Magistral Eye-Water.

℞ *Fennel, white or Damask Rose Water* ℔x. *Salt of Vitriol, Saccharum Saturni, A.* ℥ij ʒs. *dissolve, digest ten days, and filter through brown paper, in the filtred liquor dissolve fine Aloes, choice Opium, A.* ℥ij. *digest three days, decant the clear from the settlings, and filter again: to this filterated liquor, add Crocus Metallorum, or Regulus of Antimony in very subtil pouder* ℥v. *rectified S. V.* ℥v. *in which let be dissolved Camphir* ℥v. *mix all well together; shake it well three or four times a day, for ten days, then let it settle, and keep it quiet upon the Faeces, for use.*

It is inferior to no Eye-water extant, but eases all manner of Pains, and cures diseases of the Eyes to a Miracle. It takes away suffusions, Clouds, Pearls, Blood-shot, only by washing therewith, three or four times a day: It cures sore Eyes, running Eyes, Salt, Hot and Sharp Rheums in the Eyes, Ulcers, Fistula's, &c.

&c. and has made several to see which have been blind many years. It is a powerful and magisterial water for this purpose, and therefore ought to be esteemed as a Jewel.

19. *Epithema Cordiale*, An Epithem for the Heart.

℞ *waters of Borrage, of Bugloss, of Cardous Ben. of Roses, A.* ℥ij. *Treacle Water, Juyce of Citrons, A.* ℥ij. *Confectio Alkermes* ℥ij. *Confect of Hyacinths* ℥j. *Species Diamargariti frigidi* ℈j. *mix and make an Epithem.*

Being warm, let woollen cloths be dipt therein, and applyed to the Region of the Heart, continually applying hot for an hour or two.

20. *Epithema Splanchnicum*, An Epithem for the Spleen.

℞ *Waters of Ceterach or Spleen-wort* ℥iiij. *of Harts-Tongue* ℥ij. *Waters of Purslane, of Sorrel, of Water-Lillies, of Night-shade, A.* ℥j. *Vinegar of Roses* ℥j ſs. *Powder of Cloves and Nutmegs, A.* ℥j. *Trochisks of Camphir* ℥ij: *mix, and make an Epithem.*

Let Woollen Cloths (as fine Flannel) be dipt therein, being indifferently warm, and then be applyed to the Region of the Spleen.

21. *Epithema Generale*, A common Epithem.

℞ *waters of Corn Poppy flowers, of Lettice, of Henbane, of Sage, of Vervain, of Damask Roses, A.* ℥iij: *Troches of Rhodium* ℥ſſ: *mix for an Epithem.*

It is good in melancholy, Watchings, Frenzy, Madness, &c. when you use it, take a double linnen Cloth, dip it therein pretty warm, and press it with your Hand; then apply it warm to the Forehead and Temples, which things you are to observe in the application of all other Epithems.

22. *Epithema in dolore Capitis à causa frigida*, An Epithem for a pain of the Head, proceeding from a cold cause.

℞

℞ *Waters of Betony, of Rosemary, of Vervain, A.* ℥iiij. *Anacardiums* ℥ſs: *Cubebs* ℥iij. *Nutmegs, Gum-Ivy, A.* ℥j. *Mandrake roots* ℥ſs. *mix,* &c. Or thus, ℞ *Waters of Camomil, of Sage, of Damask Roses, A.* ℥iiij: *Cloves, Mace, Xyloaloes, A.* ℥ij. *Zedoary,* ℥j: *bruise, gently boyl, and make an Epithem.*

23. *Epithema in doloris Capitis à causa calida,* An Epithem for a pain of the Head, proceeding from a hot cause.

℞ *Waters of Violets, of Damask Roses, of Mallows, A.* ℥iiij: *Yellow Sanders* ℥ſs. *white Amber prepared, Corn Poppy flowers, A.* ℥j: *Camphir* ℈j: *make an Epithem:* Or thus; ℞ *Waters of Corn Poppy flowers, of Damask Roses, A.* ℥vj: *Mans Skull calcined without fire* ℥j: *Opium, Saffron, A.* ℈j. *make an Epithem.*

24. *Epithema in Inflamatione Renum;* An Epithem for an Inflamation of the Reins.

℞ *depurated juyces of Plantane and Night-shade, A.* ℥iiij: *waters of Houſleek and Purſlane, A.* ℥ij: *Claret Wine, Vinegar of Violets, A.* ℥iſs: *Niter prepared* ℥j: *make an Epithem to be applyed to the Region of the Reins.*

CHAP. II.

of OYLS.

1 *OLeum Viperinum,* Oyl of Vipers.

℞ *live Vipers, ſuch as are ſtrong, large and fat, N°xxj. of the beſt Oyl of Hypericon* ℔ij ſs: *Spaniſh or Rheniſh Wine* ℥iiij: *put the Oyl into an earthen Pot, well glazed, having a narrow mouth; boyl it in B.M. till it is ſo hot, that you cannot*

not endure your finger in it; then put in the Vipers one after another, and when they are ſtifled, put in the Wine, cover the Pot, and make it boyl, till the moiſture of the Vipers is almoſt conſumed: then ſtrain and preſs forth the Oyl, and the faces being afterward ſetled, decant the Oyl, and keep it in a cloſe Veſſel for uſe.

Tis of admirable uſe for Scabs, Itch, Tettars, Ringworms, Scurff, Morphew, Leproſy, Evil Ulcers, breakings out, and moſt deformities of the Skin, eſpecially ſuch as proceed from a Venereal Cauſe. It eaſes the pain of the Gout, and the Hæmorrhoids, and if the whole Region of the Belly be anointed with it, it gives eaſe in the Cholick, and facilitates the Delivery of Women.

2. *Oleum Caſtorei Noſtrum*, Our Oyl of Caſtor.

℞ *Caſtor*, *Euphorbium*, *Myrrh*, *white Pepper*, *A.* ℥ j: *Oyl Olive* ℥xl: *Spaniſh wine* ℥xij: *boyl to the conſumption of the Wine; but the better way is to make an Extraction with Oyl of Turpentine, and then to mix it with the Oyl Olive.*

It is good againſt all pains and cold afflictions of the Brain and Nerves; it is good againſt the Head-ach, Trembling, Palſy and cold Fits of Feavers, by anointing the Back bone with it; It is alſo good againſt the Gout and Sciatica.

3. *Oleum Bufonum Hartmanni*, Oyl of Toads of Hartman.

℞ *three or four living Toads, boyl them a whole hour in Oyl Olive* ℔ij *ſtrain it, and keep it for uſe.*

This Oyl is of wonderful Virtues againſt Pimples, Morphew, Freckles, Sunburning, Wheals and Redneſs of the Skin or Face: anoint the Skin once a day, for certain days; after a little time the Wheals will fall off, and the Morphew or redneſs will be cured.

4. *Oleum Lacertarum*, Oyl of Lizards.

℞

℞ *expreſſed Oyl of Walnuts, or Oyl of Hypericon (which you pleaſe)* ℔v. *Rheniſh Wine or Spaniſh* ℥vj. *live green large Lizards* N° xvj, xx, xxvj. *or more, as they are in bigneſs: ſuffocate them in the ſcalding Oyl, and make it exactly as Oyl of Vipers aforeſaid, at* Sect. 1.

In the making of theſe Oyls of Animals, *the Autients cauſed them to be inſolated for many days, which cauſed them to putrify and make an inſupportable ſtink, whereby the Oyl became infected with putrefaction and poiſon, rather than any good quality; which Error be ſure in all like caſes to avoid.* This Oyl is ſaid to be a ſpecifick againſt Burſtenneſs, or falling out of the Inteſtines: it is alſo affirmed to make Hair grow thick, and upon bald places. In Ruptures uſe it with a Truſs, applying (after the part is well anointed) *Our Emplaſtrum ad Herniam.*

5. *Oleum Anodynum Noſtrum*, Our Oyl eaſing Pain.

℞ *green leaves of Poppies, Henbane, Hemlock, A.* ℔j. *bruiſe them well, and boyl them in Oyl Olive* ℔iiij. *boyl till the Herbs are criſp; then ſtrain out by preſſing, and repeat this work 3 times.*

It is a moſt excellent Anodyne Oyl in all Gouts, Sciatica's, tormenting and excruciating Pains, that I know of, and is a Medicine which will not fail in Diſeaſes proceeding from a hot Cauſe, if Camphir ℥iij, be mixt with it, it will be ſo much the better.

6. *Oleum Hyperici Noſtrum Compoſitum*, Our Oyl of Hypericon.

℞ *Hypericon, Roſemary, Lavender, A.* ℥xij. *Camomil, Wormwood, Hyſſop, Marjoram, Bawm, Pennyroyal, Rue, Sage, Time, Savin, Bay Berries, Fennel-ſeeds, A.* ℥iiij. *all being dry, make a ſtrong infuſion in Oyl of Turpentine, Juniper-berries or Aniſeeds* ℔iiij. *over a gentle fire, or in the Sun, for 60 days, then expreſs ſtrongly*

ly, and mix therewith Oyl Olive ℔x.

It comforts the Joynts and Nerves, is excellent good againſt the Palſy, Cramp, Gout, Sciatica, and all external Diſeaſes coming of cold; it refreſhes wearied Members, diſcuſſes Wind, and aſſwages Tumors; it is good againſt the Megrim, Lethargy, Vertigo, and pains of the Liver and Spleen.

7. *Oleum Cherinum Compoſitum Mayherni*, Oyl of Wall-flowers compound.

℞ *of the ſimple Oyl of Wall-flowers (which ſee in Our* Pharmacopœia, *Lib. 5. Cap. 2. Sect. 7.)* ℔ij: *common Salt decripitated and ground upon a Porphery to a ſubtil ponder; white Venice Soap, A.* ℥viij. *mix, and make an Oyl.*

It prevails mightily againſt the Gout; in the Evening anoint all the Joynts with it, chiefly the Hands and Feet, or where the principal pain is; then going to bed, put on Socks, Gloves, *&c.* There was a certain Learned Phyſician, who had been afflicted with the Gout 30 years (he was Phyſician to the Duke of *Bovillon*) he lived as many years more, and the reſidue of his Life (for he was above an hundred years when he dyed) by the uſe and benefit of this Oyl, was free from his Diſtemper. And ten years before his Death, he was ſeen to walk as firmly as if he had never been afflicted with this tormenting Diſeaſe.

8. *Oleum Limacum compoſitum*, Oyl of Snails Compound.

℞ *black Snails in* May, *Aqua Vitæ, A.* ℔j: *Ox Galls* N°. j. *Oyls of Peter and of Spike, A.* ℥ij: *put them in a great Ox Bladder, which tye faſt, and put that into another Bladder, and hang it up for* 20 *days, then ſtrain it: after diſſolve therein Liquid Storax* ℥j: *ſhake them all well together, once every day for a Month, being put into a glaſs Bottle, and cloſe ſtopt.*

It is an admirable thing for

for all aches and pains coming almost from what cause soever; it warms and comforts, and helps such as are numbed in their Limbs.

9. *Oleum Lacertarum Sculteti*, Lizard Oyl of Scultetus.

℞ *green live Lizards, as many as you please, boyl them in Oyl Olive, till the Lizards be burnt or grow crisp, and the Oyl be black; then strain out, put it into a Glass, and insolate till the dregs fall down, and the Oyl becomes clear, and of a brown color.*

It has the Virtues of the former at *Sect.* 4. but this is particularly a specifick (to anoint with) in the Kings Evil, applying over the Sores or swellings (after anointing) the *Ceratum Oxylaum*, softned whith this Oyl: and giving also inwardly every morning for thirty days together, ℥vj. of Electuary of Lizards, which *Hercules Saxonia* and *Johannes Prevotius* esteemed as a great Secret, and certain Remedy for the cure of the King-Evil. The Electuary. ℞ *Common or green Lizards, (the Heads, Tails and Inwards cast away) infuse them by themselves, in sharp white Wine Vinegar (made without Pepper) for four days. Then dry them and steep them in other Vinegar, and dry them again, either in the shade or Sun, and pouder them finely, which mix with four times its weight of clarified Honey.* Dose to Children ℥ij: to Men or Women ℥ss: or ℥vj: or ℥j: at most, continuing it for 30 or 40 days.

10. *Oleum Cosmeticum*, An Oyl softning and cleansing the Skin.

℞ *Oyl of bitter Almonds new drawn* ℥viij; *Oyl of Tartar* per deliquium, *so much, or in such a proportion as being well shaked together, the Oyl may presently turn white, like Cream, and so constantly remain: This Oyl you may perfume with a few drops of Oyl of Rhodium, or of the Tincture of Ambergrise and Musk.*

The Skin being first made

very clean with warm Water and Wheat Bran, and then dryed with a cloth, is to be bathed Morning and Evening with this Oyl, it will make the Skin both ſoft and white, and free it from Sun-Burning, Pimples, Tettars, Scurff, or any diſcolourings.

11. *Oleum Amygdalarum dulcium per expreſſionem*, Oyl of Sweet Almonds by Expreſſion.

Take large, well grown, freſh, and well dryed Almonds, blanch them in hot water, taking off alſo the fine, thin membranous Skin; wipe them with a linnen cloth, and ſpread them abroad to dry. Then put them into a Marble Mortar, and beat them with a wooden Peſtle, till the pulp is very thin, and begin to yield Oyl; put this pulp into a bag of new ſtrong linnen Cloth, tye the mouth of it faſt, and put it between two thin tin Plates, or of wood lined with white Latten, which place according to Art, in an Almond Preſs: ſqueeze it at firſt very gently, but afterwards with a conſiderable ſtrength; leaving the bag in the Preſs till the Oyl has time to drop forth: If you preſs too ſtrongly at firſt, the Faces of the Almonds would come through the bag, and the Oyl would be thick and filthy, which otherwiſe will be pure and clear.

§ 1. The Ancients uſed to heat the Almonds, and ſuch other like in *B. M.* after they were beaten to a pulp, juſt before they went into the Preſs: 'tis true, ſomething more of Oyl will be gotten that way, than by what is here delivered; but then it will be leſs pleaſing both to Taſt and Smell. Some preſs the Oyl out without beating them to a Pulp, becauſe the Almond Pulp will be leſs ſubject to paſs through the Bag, but then you will have yet ſomething leſs of the Oyl. § 2. After the ſame manner you may make Oyls of other the like Kernells; as,

Oleum Amygdalarum amarum,

rarum, Oyl of Bitter Almonds.

Oleum Balanium, Oyl of the Nut Ben.

Oleum Nucum Juglandium, Oyl of Wallnuts.

Oleum Nucum Avellanarum, Oyl of Hazle Nuts.

Oleum Cryſomelinum, ſeu *ex Nucleis Malorum Armeniacorum*, Oyl of Apricock Kernels.

Oleum ex Nucleis malorum Perſicorum, Oyl of Peach Kernels.

§ 3. Here is to be noted, that in making the Oyl of Bitter Almonds, the beating and heating may be omitted, but if you blanch them not, the dry red skin will ſuck up part of your Oyl. The bitterneſs lyes only in the terrene part, the Oyls of both ſorts of Almonds are alike ſweet; this bitterneſs remaining in the Fæces, although it be not hurtful to mankind, nor to the moſt part of other Animals; yet it is moſt dangerous poyſon that Poultry can meet with. § 4. In drawing the Oyls of Wallnuts, Hazle-Nuts, *&c.* you muſt avoid heating the Pulps, if you uſe them inwardly, or for Coſmeticks, becauſe then they are moſt agreeable to the Taſt and Smell. § 5. The Nut Ben, is called by the Greeks *Balanus Mirepſica*, by the Latins *Glans Unguentaria*, from its Oily property. The Nut is in ſome ſorts Triangular, covered with a whitiſh, thin, ſmooth, and brittle rind: The ſubſtance of the Fruit is white, ſo is alſo the Oyl, which is without any kind of ſmell; nor will it ever grow rank, muſty, ſtinking, or otherwiſe ill ſcented, and therefore is of good uſe among Perfumers. This Oyl of Ben is ſaid to take away Freckles from the Face and Skin: I never proved it, but if it be true, it may be accounted one of the greateſt *Arcana* among Ladies. Dropt into the Ears, it takes away their ringing noiſe. Taken inwardly in Wine à ℥ſs. *ad* ℥ij. it opens Obſtructions of the Liver, Spleen and Meſentery. Outwardly anointed it eaſes the Gout, and other

very clean with warm Water and Wheat Bran, and then dryed with a cloth, is to be bathed Morning and Evening with this Oyl, it will make the Skin both ſoft and white, and free it from Sun-Burning, Pimples, Tettars, Scurff, or any diſcolourings.

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pains of the Nerves and Joynts. § 6. After this self same manner may be drawn the

Oyl of Pistaches, or Pistich Nuts.

Oyl of Pine-Apple Kernells.

Oyl of the four greater cold seeds:

Oyl of Orange Kernells.

Oyl of Limon Kernells.

Oyl of Citron Kernells.

Oyl of Palma Christi seed.

Oyl of Peony seed.

Oyl of Hemp seed.

Oyl of Mustard seed.

Oyl of Dwarf Elder seed.

Oyl of Henbane seed.

Oyl of Poppy seed.

Oyl of Carthamus seeds.

Oyl of Lettice seeds, &c.

12. *Oleum Seminum Anisi per Expressionem,* Oyl of Aniseeds by Expression.

℞ *Aniseeds, new or fresh, well grown, and very dry* ℔j. *cleanse them well, beat and sift them through a close hair Sieve. Fill the hollow of a Plate that may be set with the brims in the lower part of the hair sieve, cover the plate with the lower part of the sieve; and keeping one hand upon the sieve, which must then touch and cover the plate filled with the pouder of Aniseeds; and the other under the bottom of the plate: in an Instant turn the whole so that the pouder may fall upon the sieve and be covered with the plate: the same time have in a readiness a Copper Posnet to that bigness, that the bottom of the sieve may rest within side, but not go down to the bottom: then put in three pints of Water, and having placed the Skillet upon a Furnace, as the water boyls, let the pouder of the Aniseeds receive the vapour, for a quarter of an hour, or till the boyling vapours of the water have well penetrated the pouder, and till you can no longer endure the heat of the plate which covers it: then put the pouder into a strong, close cloth bag, tye it fast, and put it into an Almond Press, between two hot plates, and forthwith press it with all the speed & strength that may be; so will a pound of pouder of*

Ani-

Aniſeeds yield one Ounce and an half, and ſometimes two Ounces of Oyl, having the true ſmell and taſt of Aniſeeds.

This expreſſed Oyl mightily expels Wind contained in the Belly, gives eaſe in the Cholick and Griping of the Guts: it ſtrengthens the Stomach, helps Digeſtion, and eaſes the pain of the Ventricle. You may put a drop or two into Broth, for Children that are troubled with the Gripes, alſo you may anoint it upon the Stomach, Navel, and lower parts of the Belly. This Oyl by expreſſion is leſs ſubtil and penetrative than that which is drawn by diſtillation, however it has leſs Acrimony, and may therefore be given in greater quantity, even to ʒſs. in Wine, or ſome other proper Liquor. After the ſame manner in all reſpects is drawn,

Oleum Nucis Moſchatæ, Oyl of Nutmegs.

Oleum Macis, Oyl of Mace.

Oleum Caryophyllorum, Oyl of Cloves.

Oleum Piperis Jamaica, Oyl of Jamaica Pepper.

CHAP. III.

Of BALSAMS.

1. B*Alſamum Catholicon*, The General or univerſal Balſam.

℞ *Oyl of Hypericon* ℔ iv *Venice Turpentine* ℔ ij, *Roſin, Bees wax, A.* ℔j ß, *boil them over a fire to the juſt conſiſtency of a Balſam: then add, being a little cooled Balſam of Peru, liquid ſtorax A.* ℔ß: *Chymical oyls of Spike, Carraways, Juniper berries, and Saſſafras, A.* ʒij.: *Stir them till the Balſam is cold, then put it up into tin boxes*

fitted with ſcrews.

This is a notable Balſam in all green wounds, contuſions and punctures of the Nerves. It is good in broken bones, and in all Tumors, pain and contractures proceeding from a cold cauſe, being indeed not much inferiour to natural Balſam.

2. *Balſamum Arcæi*, Balſam or Liniment of *Arcæus*.

℞ *Gum Elemni, Turpentine A.* ℥ *j.ß: hogs-greaſe*, ℥ j: *ſheeps ſuet*, ℥ *ij: diſſolve the Gums in ſack, which evaporate, then put in the fats, and laſtly, the Turpentine:* this is the ſame in our *Pharmacop. lib. 5. cap. 4. ſect.* 5. But the Balſam will be much better if it be made thus: ℞ *Gum Elemni, Venice Turpentine, A.* ℥ ij: *Bees wax* ℥ j ſs: *Oyl of Hypericon* ℥ *j: Balſam of Peru, Liquid ſtorax, A* ℥ *ß: mix them, &c.*

This is a noble Balſam in all Wounds whatſoever, chiefly thoſe of the head, where it doth of it ſelf all the Intentions of curing (the flux of blood being ſtayd) for it digeſteth, cleanſeth, incarnates, cicatrizes, defends from Accidents, and is very anodyn. The Balſam is indeed an excellent thing for all ſorts of Wounds and Ulcers, Fractures and Diſlocations, Contuſions, and hurts of the Nerves; the latter Preſcript being in my Opinion much the better. If it be applyed skillfully to a green wound at firſt, it performs the Cure at one Intention, and commonly at one dreſſing.

3. *Balſamum Vulnerarium Maxii*, Maxy his wound Balſam.

℞ *Oyl diſtilled by Retort from Roſin, Oyl ſo diſtilled from Myrrh; diſtilled oyl of Hypericon and Wax, A.* ℥ j: *Verdigriſe, green Vitriol, A. gr. viij; mix them, and in a glaſs Vial, digeſt in the Sun for* 20 *days, and keep it for uſe.*

It is of great Virtues for curing of all ſorts of Wounds, by dropping of a few drops, and applying thereupon a little plaſter of Lint dipt therein. If you add thereto of choiſe Aloes ℥i, it will be ſo much the better.

4. *Bal-*

4. *Balſamum ad Impetiginem*, A Balſam for Tettars.

℞ *Green Vitriol, red Mercury precipitate A.* ʒ i; *burnt Alum* ʒ ß: *Verdigriſe, Borax A.* ʒ *ij: juyce of red dock* ʒ *ij: Hogs-greaſe, freſh butter A.* ʒ *jv, expreſſed oyl of Henbane ſeeds* ʒ *j: mix and make a Balſam or Liniment.*

It cures Tettars, Ringworms, Scabs, Morphew and Itch, and that after a wonderful manner.

5. *Balſamum ad Hæmorrhoides*, A Balſam for the Piles.

℞ *Flowers of Sulphur, Opium extracted, A.* ʒ ij: *Saccharum Saturni, Oyl of Egs, white Wax, A.* ʒ ß: *oyl of Camomil, Ung. Populeum, A.* ʒ j: *mix and make a Balſam.*

It is a rare thing to aſſwage the Dolor of the Piles or Hæmorrhoids, and to give eaſe to all manner of Pains of the body in any part where it can be applyed. If you add expreſſed *Oyl of Henbane* or *Poppy ſeeds*, it will be to Admiration. And then if you leave out the flowers of Sulphur and oyl of Eggs, you may ſucceſsfully apply it to the Fore-head and Temples, to eaſe the pains of the Head and cauſe reſt.

6. *Balſamum Hyſtericum*, Balſam for the Womb.

℞ *Galbanum, Sagapenum, Opopanax, Ammoniacum, Aſſa fœtida, A.* ʒ ij ß: *diſſolve the Gums in diſtilled Oyls of Juniper and Rue: then at laſt add Oyls of Amber and Bayes A.* ʒ ß, *mix them.*

It cures the Suffocations of the Womb, and provokes the Terms, if you annoint the Navel or Belly: for fits of the Mother eſteem it as a Jewel: you may alſo give it inwardly for the ſame purpoſe à *gr. x. ad* ʒ j.

7. *Balſamum amarum*, The bitter Balſam.

℞ *Aloes, Myrrh, Turpentine, Honey, A.* ʒ j: *oyl olive* ℔ j: *pouder and diſſolve the Gums in Vinegar, then put in the honey and oyl, boyling to the conſumption of the Vinegar.*

It cleanſes notably, nor will it ſuffer any corruption in a wound. It is a notable healer of green Wounds made by cuts or ſtabs: where note, If you add Verdigriſe ℥ſs, it will cleanſe much more powerfully any old ſore.

8. *Balſamum Saturni cum Aceto*, Balſam of Lead with Vinegar.

℞ *Saccharum Saturni* ℥viij: *diſſolve it in ſpirit of Vinegar: abſtract the ſpirit a little: then add oyl of Roſes, oyl of Poppy-ſeeds by Expreſſion, Æ.* ℥ iſs: *ſtir it, and evaporate to the conſumption of the Vinegar.*

It cures all burnings, ſcaldings, and the like, takes away Inflamations, and eaſeth pain in any part; it is alſo profitably apply'd to the Gout, and to a Herpes.

9. *Balſamum*, ſeu *Mel Saponis*, Balſam of Soap.

℞ *Honey, Soap, Æ.* ℔ j: *Salt of Tartar* ℥ ij: *diſſolv'd in* ℥ j *of Water: mix them.*

This eaſeth all pains of the Gout and Sciatica; it draws ſplinters or thorns out of the fleſh; is good againſt Tartarous and hard Tumors, and of excellent uſe to take out the fire and pain in burnings and ſcaldings. Note, ſome put in Salt of Tartar ℥ iij.

10. *Balſamum Polycreſtum noſtr.* Our Balſam of many Virtues.

℞ *Oyl olive* ℔ j: *Cypreſs Turpentine* ℔ ſs: *Oyls of Hypericon, Amber, Cloves, Spicknard, Carraways, Saſſafras, Juniper berries, Balſam of Sulphur, Æ.* ℥ j: *mix them well over a gentle heat: then drop in (guttatim) Oyl of Sulphur* ℥ ix; *mix and ſtir it well all the while you are dropping it in; then digeſt in the Sun or in ſand for 40 days, ſhaking it twice or thrice every day: laſtly, perfect it in the heat of a Bath, making it look reddiſh.*

It warms and comforts every member; eaſes pains coming of Cold; and ſtops all Diſtillations from the head. It cures affects of the Breſt, Liver, Spleen, Womb, Nerves and Joynts: it is good in Wounds, Punctures, and old

old Ulcers: It helps the Palsy, Cramp, Cholick, Stone and Quartans; by taking it inwardly *ad* ℈j, ℥ ſs, or more, mixt with Sugar, and outwardly anointing the place.

11. *Balſamum ad Peſtem Mindereri*, Balſam againſt the Plague.

℞ *Balſam of Sulphur (made either with Oyl of Turpentine, or Oyl of Aniſeeds)* ℥ij: *Camphir* ℥ ß: *diſſolve by digeſtion and keep it for uſe.*

It is of moſt admirable uſe againſt the Plague, being given in Mithridate or Venice Treacle, or in Treacle Water, or Treacle Vinegar, or the King of *Polands* Vinegar. It is alſo excellent in ſore Breaſts, that are growing purulent, being taken in warm broth, or ſome good vulnerary drink; but this muſt be in caſes of no great heat or inflamation, leaſt it prove dangerous. Doſe *à* gr. vj. *ad* xij.

12. *Balſamum Vulnerarium Mindereri*, Mindererus his Wound Balſam.

℞ *Oyl of Hypericon, Cyprus Turpentine*, A. q. v. *melt them together: melt likewiſe by it ſelf, Gum Elemi* q. s. *unto a juſt conſiſtency, which add to the former: when almoſt cold, add Oyl of Wax diſtilled, a fifth part, mix and keep it for uſe.*

It is as good a vulnerary as any is invented, none excepted, and of it ſelf performs (in Wounds) all the intentions of Healing.

13. *Balſamum Saturni ſimplex*, Balſam of Lead ſimple.

℞ *Saccharum Saturni* ℥j. *Oyl of Aniſeeds* ℥ij. *(in which let Camphir* ℥ij. *be diſſolved) mix and digeſt in Sand till they are red.*

It is of great uſe in Aſthma's, and Ulcers of the Breaſt and Lungs; it expels Wind, and heals excoriations of the Bowels: it is outwardly good againſt Scurfs, Morphew, Fiſtula's, Cancers. It eaſes the Griping of the Guts, and is a preſent Remedy in the Cholick, Diarrhœa

arrhæa, and other Diſtempers of the Bowels. If inſtead of Oyl of Aniſeeds, you uſe Oyl of Juniper berries, you will have an excellent thing againſt the Gravel and Stone, Ulcers, pain and obſtructions of the Reins and Bladder. If you uſe Oyl Olive, you have an admirable Balſam againſt Inflamations, Burnings and hot Gouts, red Pimples and deformities of the Face.

14 *Balſamum Cutem dealbens*, A Balſam to whiten and ſmooth the Skin.

℞ *Venice Soap* ℔ ß: *cut it ſmall, put it into a glazed pot, put to it Juyce of Limons* ℥ ij: *and over a gentle fire diſſolve the Soap, to which put Virgin Honey* ℥ij: *Sperma Ceti* ℥ij: *Peruvian Balſam* ℥j: *then take the Veſſel from the fire, and add Venetian Talk, Sugar candy, Orrice root, all finely pouldred, A* ℥ ß: *Salt of Tartar, Borax, A.* ℥ij: *Oyls of Rhodium, of Cinnamon and Cloves, A.* ℈ ß: *Oriental Muſk, Ambergriſe in pouder, A.* gr. xij. *mix all well into a Maſs.*

This Balſam is an excellent thing againſt moſt defects of the Skin; it whitens, cleanſes, and ſmooths it, beyond any paſte or *pomatum* whatſoever. 'Tis enough to rub the Skin with it, there being no need of waſhing afterwards.

15. *Balſamum florum Cupri*, Balſam of the flowers of Venus.

℞ *Venus (diſſolved firſt in Æ. and ſeparated again almoſt to dryneſs) grind it with its equal weight of Sal Niter: diſtil in an open fire by force, ſo the metal will be elevated into flowers, which in the Air will reſolve into a green Balſam.*

It is good againſt old malign Ulcers and Fiſtula's, and cures them to admiration.

16. *Balſamum Vulnerarium Magati*, The Wound Balſam of Cæſar Magatus.

℞ *Gum Elemi* ℥iiij: *Balſam of Peru* ℥iij. *Tachamahacca,*

hacca, Carrana, Liquor of Elm Leaves, A. ℥ij: *Oyl of Bays, Liquid Storax, Myrrh, A.* ℥j ß: *Olibanum, Gum Ivy, A.* ℥j: *sweet Iaser Gum, Labdanum, Storax Calamita, Amoniacum, Bdellium, Opopanax, Galbanum, Sarcocol, A.* ℥vj: *roots of Bithwort, Masterwort, Angelica, white Dittany, confound Acorus, Orrice, Tormentil, Bistort; seeds of Hypericon, of Citrons, of Citron Peels, A.* ℥ß: *Cinnamon, Cloves, Nutmegs, Mace, A.* ℥j: *Mastich, Aloes, Dragons-Blood, Scarlet Grains, A.* ℥ß: *Cretian Dittany* ℥j: *Oyl of Ben* ℥iij: *of Juniper-berries* ℥j ß: *Wax* ℥j: *Pine Rosin* ℥j ß: *Turpentine, Gum of the Fir, A.* ℔j ß: *of the best Aqua Vitæ, or* S. V. ℔vj: *mix them, the Gums being exactly melted: them that are more dry and hard may be beaten into a pouder grosly, and cast all together into a Retort, which digest for three days in a boyling* B.M. *then lute it, and keep it in the hot Water till the Lute is dry: after distil in Ashes, so will you have first a Water (which is called water of Balsam,) which keep by it self; and then an Oyl, which is the Balsam desired: lastly, by encreasing the fire, you will have a redish or black Oyl or Balsam.*

It is of singular use in curing all Wounds, and in any part of the body, especialy if used as soon as a wound is made, it then cures at once dressing commonly: but if the Wound be corrupted, you must mix it with some Emplastick body, least it should heal too soon, and the *Pus* which is afterwards generated, should excite grievous Symptoms. It comforts the Nerves, helps Palsies, Numbness, Convulsions, Cramps, shrunk Sinews, old Aches, &c.

17. *Balsamum Saturni Album*, White Balsam of Lead.

℞ *white Wax* ℥j. *melt it in a glazed Earthen Pan, put to it Oyl Olive* ℥ iiij: *mix them well with a wooden Spatula, which put immediately*

ately into a glass Mortar, upon which affuse of the Vinegar of Saturn ℥iij. *(at Cap. 13. Sect. 2. of this Book) stir them well together till the Oyl and Wax be impregnated with the Salt of Saturn, and the Composition becoms thick and white.*

This Butter or Balsam of Saturn cools Inflamations, eases pains, is good in Swellings of the Testicles and the Hæmorrhoids, and alleviates the sharp humors in an Eryspela's: it is also profitable in the Gout.

18. *Balsamum Hyperici Compositum*, Balsam of Hypericon Compound.

℞ *Spirit of Wine* ℥vj; *dry flowers of Hypericon, as much as you can take up with your thumb and four fingers, digest in a very gentle heat, for four days; then strain out by pressing: put this pressed liquor into a Matrass, to which put Myrrh, Aloes, Sanguis Draconis (all in fine pouder)* ℞. ℥j. *put all in a sand heat, that the Gum may dissolve, which will be in about three hours time; then strain all through a linnen Cloth, by pressing it while it is warm; after which, dissolve it in Venice Turpentine, half an Ounce, by setting it for half an hour in a gentle sand heat, so will you have an unctious and mucilaginous Balsam.*

It is most admirable in all green Wounds, Contusions, old Aches, and the Sciatica, as also in a cold Gout.

19. *Balsamum ad Cancrum*, A Balsam against Cancers.

℞ *Natural Balsam, Venice Turpentine,* ℞. ℥vj. *Gum Ammoniacum, Galbanum, (both strained)* ℞. ℥ iij. *Liquid Storax, Oyl of Hypericon,* ℞. ℥iiij. *Wax* ℥v. *Oyl Olive* ℥xx. *Mummy* ℥ iij ß. *pouder of dryed Toads, Oyl of Soot,* ℞. ℥ij. *mix, and make all into a Balsam according to Art, which you may color red with Sanguis Draconis* ℥vj.

It prevails against all manner of Weaknesses, cold Tumors, Palsies, cold Gouts, ripens Apostems, heals old Sores, Cancerated Breasts, and

and for which last it was particularly designed: you may leave out the powder of Toads and Oyl of Soot, except only when you design it against Cancers.

20. *Balsamum Empericale*, The Mountebanks Balsam.

℞ *Linseed Oyl* ℔ xvj. *Colophony, Rosin, Bees-Wax, A.* ℔ iij. *Venice Turpentine* ℔ ij. *Pitch, Liquid Storax, A.* ℔ j. *Oyl of Turpentine* (*or Spike, or Aniseeds*) ℥ iiij. *put the Linseed Oyl into a Kettle, and when it is very hot, put in the Colophony, Rosin & Wax in little pieces: then put in the Turpentine, Pitch and Storax: lastly, the oyl of Turpentine, stirring it for a while over the Fire: let it boyl a while; then take it off the Fire, and while it is yet liquid, you may put it up into Boxes.*

It is a good Balsam for any green Wound, performing the Cure for the most part at one intention. It cures also old Sores, Ulcers, Fistula's, Kings-Evil Sores, Tumors or Swellings, Gout, &c. It is prevalent against the running Gout, all sorts of lameness, any strain, bruise or pain whatsoever: it is also profitable for pains in the side, disaffection of the Spleen, or pain and weakness of the Back: this Balsam penetrates mightily, yet without pain.

21. *Balsamum adversus maculam Paracelsi*, A Balsam against marks or blemishes in the healing of Wounds or Ulcers.

℞ *of the Liquor* ad Ulcera *Parcelsi* (*at sect.* 13. *cap.* 1. *of this Book*) *Oyl of Worms, Oyl of Eggs, washed Turpentine*, ana, *mix them well together.*

This Medicament causes the Wound or Ulcer to heal without a scar or blemish: after this, there is nothing more requisite, for this is the property of this Medicament, *viz.* to induce together with the new skin, a new color, and natural hardness, so that it may not be defiled with the said blemishes.

22. *Bal-*

22. *Balſamum Nervinum Sculteti*, A Balſam for the Nerves of Scultetus.

℞ *of the beſt Euphorbium in fine ponder* ℈j; *Turpentine, Wax, A.* ʒ ß. *mix, and make a Balſam.*

This was invented for the benefit of Barbers, who divers times when they open a Vein with a Lancet, do unskilfully hurt or prick the Nerves, which are near or lay under it. In this caſe ſome Phyſicians cut the skin at right Angles, that they may come at the Nerve, but this is a dangerous practice: others after a croſs incision cut the Nerve alſo aſunder, with good ſucceſs; but this increaſes the pain, and is the cauſe of Inflamation, and ſometimes of Convulſions. To Remedy theſe Evills, *Sculetus* invented this Balſam, which is to be ſpread upon Linnen and applyed hot. With this alone preſently applyed, I have ſafely cured (ſaith he) divers ſuch Punctures of the Nerves. And he ſaith, It is an approved Remedy.

23. *Balſamum liquidum ad Paralyſin*, A liquid Balſam for the Palſy.

℞ *Maſterwort* lbj. *red Myrrh, Caſtoreum, A.* ℥j: *flowers of Lavender, of Roſemary, of Sage, A.* ℥vj. *the three firſt things being in groſs ponder, put them into a fit Veſſel, and cover them 2 inches over, which with good Aqua Vitæ or ſpirit of Wine, digeſt ten or twelve days, in a warm place, cloſe ſtopt, ſhaking the Veſſel five or ſix times a day; then ſtrain out by gentle preſſing: to this expreſſed Liquor put Camphir* ʒx. *diſſolved in half a pint of ſpirit of Wine rectified, or ſomewhat more, mix, digeſt, and keep them for uſe.*

It is a very good thing for the intention ſpecified in the Title, wherein you are to rub the Mould of the Head, Nape of the Neck, and all along the Back-bone, as alſo the parts afflicted. It is alſo good for all contractions of the Nerves, by rubbing and chafing it well in: moreover it is a preſent Remedy againſt

againſt the Gout in any Joynt, as alſo for old Aches, Bruiſes, Cricks in the Neck, Head-aches, &c. by bathing the parts affected.

24. *Balſamum Artificiale Noſtrum*, Our Artificial Balſam.

℞ *blood red Oyl of Hypericon* ℥xxiiij. *Venice or Chio Turpentine* ℥xij: *Roſin, Wax, A.* ℥ix. *Oyl of Nutmegs by Expreſſion, Balſam of Peru, A.* ℥vj. *Liquid Styrax* ℥iiij ß. *Gum Elemi depurated, red Myrrh in fine poudet, A.* ℥iij. *Oyl of Roſemary Chymical, Camphir (diſſolvd in Spir. of Wine rectified) Maſtich (in fine pouder) A.* ℥j ß. *firſt beat the Oyl of Hypericon, then diſſolve therein the Maſtick, Wax and Roſin (being in little bits) after put in the Turpentine and Balſam of Peru; being diſſolved and well mixed, put in the Myrrh, after it the Gum Elemi: next put in the Storax and Oyl of Nutmegs, which being diſſolved, take all off from the fire, the heat being ſomthing abated, put in firſt the Oyl of Roſemary, which being mixt, then add laſtly the Camphir diſſolved in the ſpirit of Wine, which ſtir continually, till the ſpirit of Wine is evaporated, and the Balſam perfected.*

This is inferior to no Vulnerary Balſam whatſoever, but performs whatever any of them all can pretend to; it cures Wounds although of the Nerves and Tendons, and that almoſt in 24 hours: it preſerves it ſafe and intire from filth, putrefaction and dead or proud fleſh, till 'tis perfectly healed, which is commonly at once or twice dreſſing. It eaſes all external pains in any part of the Body, as of the Gout, Sciatica, and ſuch like, but much more effectually, if you mix well therewith Venice Soap a quarter part upon every application: and it will be yet more effectual if Opium an eight part diſſolved in S. V. be added to the ſame. Being well bathed upon Sinews ſhrunk up, it relaxes and comforts them, and cauſes them to extend to their due length. Laid upon the Stomach

mach, for an inward Bruiſe, it is of admirable and ſingular uſe, and will be ſo much the more effectual if the quantity of a filbert be ſwallowed in the morning faſting, faſting after it an hour and an half, and as much laſt at night going to bed. Anointed upon Ruptures it conſolidates them. If upon occaſion you mix with it a tenth part of pure fine prepared Verdigriſe (ſo prepared as we adviſe in *Cap.* 4. *Sect.* 13. §. 2. following) or ℈ i thereof to ℥ j. of this Balſam; it will cleanſe and heal all manner of old Ulcers, hollow cavernous ſores, and fiſtula's whatſoever, taking away the calous proud or dead fleſh, the *Synovia* or joynt-water, or any other impediment which may hinder the healing. It is good againſt old Aches, Sprains, withred Limbs, Cramps, Convulſions, Tremblings, Numbneſs, &c. It aſſwages Pain in Sores, fills hollow Ulcers with fleſh, and heals them ſpeedily, producing a Cicatrize: it ſafely heals wounds without danger of feſtring: In caſes pains and ſtitches in the ſides; and applyd, ſoftens the hardneſs of the Liver and Spleen: Inwardly taken, as aforeſaid, it has been found by good Experience to give preſent Eaſe in the Stone and gravel, whether in the Reins or Bladder.

25. *Balſamum Apoplecticum, magis compoſitum*, Balſam Apoplectick more compound.

℞ *Oyl of Nutmeg by Expreſſion,* ℥ j ß: *Styrax Calamita, Balſam de Tolu, Balſam de Peru, A.* ℥ ij; *Civet, Muſk, Ambergriſe (the two laſt finely poudred in a little Braſs mortar) A.* ℥ j ß: *oyl chymical of Wormwood rectified* ℥ j: *Oyl of Amber rectified* ℥ ſs. *Oyls Chymical of Cinnamon, Cloves, Citrons, Lavender, Limons, Lignum Rhodium, Marjoram, Roſemary, Rue, A.* ℥ j: *mix and make a Balſam.*

It cures Apoplexies, and almoſt all cold diſeaſes of the Brain, which it ſtrongly fortifies, as alſo all the other noble parts. Doſe inwardly *a* gr. ij *ad* iij or iv, mixt with a little

little conserve of Roses. Outwardly anoint the Temples, the Sutures of the head, and the Nostrils, and let the sick carry continually gr. iii or iiij in a box to smell to: and a grain or two may be put into each ear with musked Cotton.

26. *Balsamum Antiparalyticum*, A Balsam against the Palsy.

℞ *Oyl of Nutmegs by Expression* ℥ i ß: *Balsam of Peru* ℥ i: *distilled Oyls of Amber, of Cloves, Lavender, Limons, Marjoram, Mint, Rosemary, Rue, Sage, Savin, and of Spicknard, A.* ℥ j: *mix and make a Balsam: if you would have it stiffer you may add a small proportion of* Propolis *or Virgin Bees wax.*

Besides being good against the Palsy, it is profitable in an Apoplexy, and all other cold and moist Diseases of Head and Brain: Dose inwardly à gr. ij ad iij: outwardly anoint the Sutures of the Head, Temples and Nostrils, and all along the back bone from the nape of the Neck to the very Buttocks. Let also the sick often smell to it.

27. *Balsamum Sulphuris commune*, The common Balsam of Sulphur.

℞ *Oyl of Wallnuts by Expression, or of Aniseeds by expression,* ℔ ß, *or* ℥ vj: *flowers of Sulphur* ℥ j: *Salt of Tartar* ℥ ij: *Whitewine* ℥ ij; *put the Salt of Tartar into a small Glass Cucurbit, to which put the White wine, dissolve, then put in the flowers of Sulphur after the Oyl: mix all well together, and set the Glass over a gentle heat for* 10 *or* 12 *hours, stirring the Ingredients very often: then augment the fire, and boil the Balsam till the moisture be almost consumed. Take the Cucurbit from the Fire, and when cold, decant the pure Balsam from the faces, and keep it in a strong glass bottle for use.*

It is of good use to digest Crude humors and indigested matter gathered together in any part of the Body, being often anointed upon the same. The Salt of Tartar is added to help the dissolution of the Flowers of Sulphur, and to amplify the red

color of the Balſam. You may alſo prepare it with Oyl of Almonds, Poppy ſeeds, Wallnuts, *&c.* And it may be made a compound Balſam by adding thereto Myrrh, Aloes, and Saffron in a fit proportion, being all of them firſt diſſolv'd in Vinegar: not many better Balſams will ſucceed.

28. *Balſamum ex Aloe*, Balſam of Aloes.

℞ *fine Aloes* ℥iiij: *pouder and diſſolve in a ſmall quantity of Juyce of Wormwood red Myrrh* ℥ ij: *pouder and make it ſoft with a ſufficient quantity of the Tincture of Wormwood, ſimple Oyl of Wormwood* (See it in Our Pharm. lib. 5. cap. 2. Sec. 3.) ℥ x: *mix, and boil to the Conſiſtence of a Balſam.* It ſtrengthens the Brain, Stomach, Joints, and nerves to a miracle: it ſtops Vomiting, cauſes a good Appetite, makes ſtrong, weak and feeble limbs and comforts the nerves wonderfully: I once mixed this Balſam with a quarter part of Mithridate, and applyed it to all the joynts of a Child which had the Rickets for near 7 years, and was about 8 years old, and could not ſtand alone, or uſe either hand: firſt I annointed all over with Oyl of Amber: then I applyed the aforeſaid Mixture: and in 6 weeks time the Child was perfectly well. Annointed on the Belly, it kills Worms.

CHAP. IV.

Of OYNTMENTS.

1. UNguentum Rubrum, Red Oyntment.

℞ *Oleum Roſatum* ℥ xviij: *white Ceruſe in fine pouder* ℥v: *Bees Wax* ℥ jv: *fine ſanguis Draconis in ſubtil pouder* ℥j: *firſt melt the wax and the Oyl together; then put in the Ceruſe; after the San-*

Sanguis Draconis: lastly, add Camphir ʒs: *made into ponder with a few drops of Oyl of Almonds.*

It is good against Burns, Scabs, Ulcers, and running itching Humors: allays Inflamations, and takes away Pustles, Eruptions, and other Deformities of the Skin. It prevails also in the Gout or any pain, proceeding from a hot cause.

2. *Unguentum Basilicon ab Horstio*, seu *Tetrapharmacum*, Royal Oyntment.

℞ *yellow Wax, Rosin, Greek Pitch, A.* ℔ ss. *sweet Oyl* ℔ij. ʒiiij. *melt and mix.*

It is used in all kinds of Wounds and Ulcers: it mollifies and eases pain, it digests and fills Ulcers with flesh; it ripens Apostems, whether hot or cold, if thick spread upon Cloth or Leather, and it also easeth their pain; it is used with præcipitate in pocky and malign Ulcers, and is very good for scalding and burnings.

3. *Unguentum Martiatum Nostrum*; Our Oyntment for the Camp.

℞ *Rosemary, Bays, Lavender, Camomil, Marjoram, Basil, Wormwood, Rue, Sage, all dry, A.* ℔j. *Mint, Balsamita, Penny-royal, A.* ℔ ss. *infuse all forty days in Oyl of Turpentine a sufficient quantity, then press all hard out: mingle the expression with Oyl Olive, Hogs Grease, Sheeps Suet, A.* ℔v. *Wax* ℔iiij. *and over a gentle heat, perfect the Oyntment.*

It has the Virtues of *Balsamum Polychrestum*, but not so powerful: It helps all cold Diseases of the Brain, Nerves and Joynts: It is good against Palsies, Tremblings, Convulsions, Gouts, Tumors of the Spleen, and the like affects.

4. *Unguentum Regis Angliæ*, The King of *England's* Oyntment.

℞ *pure Oyl* ʒiij. *white Wax, Rosin, A,* ʒij. *Turpentine* ʒj. *Frankincense, Mastick, A.* ʒs. *melt, mix, and make an Unguent.*

There is scarcely a better Incarnative and Consolida-

tive in the whole Republick of Medicine than this Oyntment; and if (in ſome caſes) you add to it Fine Aloes, choice Myrrh, *A.* ℥j. it may be ſuperior to any thing yet known.

5. *Unguentum Populneum Noſtrum*, Our Oyntment of Popular Buds.

℞ *Popular buds* ℔ij. *black Poppies, Henbane, Nightſhade, Mandrakes, Hemlocks, Houſleek, Lettice, Purſlane, great Burdock, all green, A.* ℥viij. *Opium* ℥vj. *Hogs greaſe* ℔viij. *bruiſe all the Herbs, mix them with the greaſe, and boyl till they are criſp, then ſtrain out by preſſing: if after the expreſſion you find the aquoſity be not all gon, you muſt boyl again to the conſumption thereof; then add thereto Wax* ℔ß.

It is a ſingular good Anodyn, giving eaſe in the Gout, Sciatica, Head-ach, and all tormenting pains; it cauſes reſt and ſleep, and abates the heat of Feavers and Inflamations, eaſes pains in the Reins. Note, that in putting in of the Opium, you will do well to diſſolve it firſt in Vinegar, then inſpiſſate to the thickneſs of new Honey, and after add it to the Oyntment when almoſt cold, mixing them well together.

6. *Unguentum Narcoticum*, A Narcotick Oyntment.

℞ *Saccharum Saturni* ℥ij. *Opium* ℥j. *Camphir* ℈j. *Oyl of Nutmegs by expreſſion* ℥vj. *Ambergriſe, Musk, A.* ℈j. *mix, and make an Oyntment.*

It allays heat and pain in the Head, and cauſes ſleep by anointing the Temples.

7. *Unguentum Sympatheticum*, The Sympathetick Oyntment.

℞ *Bears Greaſe, the brains of a Boar, Pouder of waſhed Earthworms, red Sanders, Mummy, Blood-ſtone, A.* ℥j. *Moſs of a dead Mans Skull not buried* ℥j. *make an Oyntment according to Art.* Or thus, according to *Barbet*, (which he affirms to be the beſt Deſcription) ℞ *Oyl of Roſes, fine bole, A.* ℥ j.

Oyl

Oyl of Linseed ℥ij. *Moss of a dead Man's Skull, Mans Fat, A.* ℥ij. *Mummy, Mans Blood, A.* ℥ss. *mix and make an Oyntment.*

All Wounds are cured by this Oyntment (provided the Nerves and Arteries, or some of the principal Members be not hurt) thus: Anoint the Weapon that made the Wound daily once, if there be need, and the Wound be great, otherwise it will be sufficient to anoint it every other day. Where note, 1. That the Weapon be kept in clean Linnen, and in a temperate heat; for if the dust fall, or Wind blow upon it, or it be cold, the Sick will be much tormented; so also if it be kept too hot. 2. That if it be a Stab, the Weapon must be anointed towards the point descending. 3. That if you want the Weapon, take Blood from the Wound upon a stick, and use it as if it were the Weapon: Thus the Tooth ach is cured by pricking the Gums, and anointing the Instrument.

8. *Unguentum Nicotianæ Nost.* Our Oyntment of Tobacco.

℞ *juyce of green Tobacco, or Extract of the dry* ℔j: *Oyl Olive, Sheeps Suet, A.* ℥ix: *Turpentine* ℥vj: *Wax* ℥iiij: *mix and make an Oyntment.*

In healing green Wounds, or old Sores, Cankers, Ulcers, Fistula's, Burning, Scalding, Wound made with poysoned Weapons, Gunshot, or bitings of Venemous Beasts, Punctures in the Nerves, *&c.* There is scarce a better Remedy. It keeps all clean, hinders proud flesh, and suddenly perfects the Cure. It is eminent in curing the Itch, Scabs, Leprosy, or any breakings out; as also the Gout in Hands or Feet, or any other vehement pain, whether in the Joynts or Stomach, by anointing the place with it by the fire-side.

9. *Unguentum Gallicum Nost.* Our Oyntment against the *French* Pox.

℞ *Hogs greaſe* ℔j. *Quick-Silver ſtrained through Leather, and killed with ſpittle* ℥iiij: *Oyl of Hypericon* ℥vj: *Wax, Turpentine, A.* ℥ij: *Spirit of Wine* ℥j: *mix all well, and make an Oyntment.*

It is prevalent againſt all Scabs, Itch, Scurſf, Leproſy, and *French* Pox, for which Diſeaſes, I know no more certain outward Remedy; as alſo againſt all Fluxes of Humors to any part, or in any Sore or Ulcer whatſoever. It abates Inflamations, and the ſharpneſs of Salt Humors, let it be chiefly anointed upon the Joynts once or twice: in the Pox, till a Flux ariſes; after which, let the body be twice or thrice well purged.

10. *Unguentum Mirabile*; The Wonderful Oyntment.

℞ *Lead* ℥ij: *melt it, to which add Quick-ſilver* ℥ij: *ſtir them together and make an Amalgama; pour it upon paper, ponder it very fine, and mix it with Unguentum de Plumbo, or Diapompholigos, or Populneum* q. s.

It is a very good thing againſt all Scabs, Itch, breakings out, and deformities of the Skin; *Gutta Roſacea*, Scurſf, Morphew, Ulcers, ſimple and Venereal; inſomuch that it is thought to exceed all External Medicines of this kind: It drys much.

11. *Unguentum Tartarizatum*; Oyntment Tartarized.

℞ *flowers of Sulphur, Salt Tartar, A.* ℥j. *melt them over the fire, into a Maſs: being cold, ponder it fine, and mix it with ſoft Pomatum* ℥viij.

It cures all ſorts of Scurſf, Morphew, Scabs, Itch, Tetters, Ring-worms, Leproſies, and other breakings out in any part of the body. It cleanſes and purifies the Skin, takes away redneſs of the Face, red Puſtles, and other the like deformities, by anointing therewith morning and evening. It is a good thing in Mangineſs, and ſuch like breakings out.

12. *Un-*

12. *Unguentum Fuscum*, The brown Oyntment.

℞ *Oyl-Olive, Goat or Deers Suet, A.* ℥ ix. *Bees Wax* ℥iiij. *Greek or Burgundy Pitch, common black Pitch, A.* ℥ij. *Ammoniacum, Opopanax, Galbanum, (dissolved in Vinegar, and brought to a Consistency) Mastich, Frankincense, Turpentine, A.* ℥j *Sagapenum (dissolved in Vinegar)* ℥ij. *melt, mix, and make an Oyntment.*

It is an exceeding good thing to draw, discuss and heal, being of great force in Tumors, Wounds and Ulcers. It ripens and breaks all sorts of Apostems, Pestilential Carbuncles and Venereal Buboes. It is cleansing, opening, attractive, and anodyn, giving ease in the Gout.

13. *Unguentum Fuscum Wurtzij*, Felix Wurtz his brown Oyntment.

℞ *Scrophulary, Ground Ivy, Speedwel, A. M.* j. *cut them small, put them into a Bolt Head or Glass Vesica, upon which put good Wine Vinegar, so much as to overtop them the breadth of two fingers: stop all up close, and digest in a warm sand heat for a week; then strain out the Vinegar, by pressing hard in a press. Take of this Vinegar* ℥iij. *absterssive Sulphur of Vitriol, Flegm of Vitriol, A.* ℥ij. *flos æris* ℥x. *Honey clarified* ℥vj. *mix and boyl to an Oyntment.*

§ 1. Here is to be noted, First, that the way of making the absterssive Sulphur of Vitriol, is expressed in *lib. 2. cap. 9. sect. 7.* aforegoing. § 2. That the preparation of the Verdigrise for this purpose is in this manner: pouder it, upon which put distilled Vinegar ℥viij. digest till the Vinegar is tinged very green; which decant and cast away the fæces, then evaporate the Vinegar in a brass Vesica, so have you a glorious coloured Verdigrise at the bottom, of which one ounce is worth ℥x. of the former. § 2. That this Unguent is of principal use for Wounds of the jounts, especially if you fear any

manner of ill Symptoms approaching; and in general for all manner of other Wounds whatsoever, being much better than the common *Ægyptiacum*. § 4. That it not only cleanses Wounds and preserves them from Inflamations, corrosive Humors, and all other Symptoms and malignity, but also mightily helps their healing. § 5. That this Unguent may be boyled to a hardness, to make Tents of, which may be put to the bottom of deep Wounds or Stabs, where it, melting by degrees, lays a sure Foundation for the Cure, and resists all things which hinders it. § 6. But as in other things, so in this, a moderate use is to be observed; use it not every day, especially when the Wound is in a good condition, nor when there is no occasion for it, but only when you see necessity requires it: all which you will find out by practice, better than by many words.

14. *Unguentum Cosmeticum Barbetti*, a beautifying Oyntment.

℞ *Capons Grease* ℥iiij: *Venice Borax* ℥ij: *Oyl of Myrrh* ℥ij: *Ox Gall* ℥j: *Camphir* ℈j: *mix and make an Unguent.*

This is said to take away Scars, remaining after the Small Pox, or after Burns or Wounds, and to remove most other deformities of the Skin.

15. *Unguentum ad Scabiem Barbetti*, An Oyntment for Scabs.

℞ *Sulphur Vive, Litharge of Gold, A.* ℥ij: *Venice Soap, Mercurius Dulcis, A.* ℥j ℔: *prepared Niter* ℥ß: *Unguentum Album Camphoratum* ℥j: *Oyl of Rhodium gut. viij: mix for an Oyntment.*

It cures Scabs to a wonder, even the most inveterate: esteem it as a Jewel.

16. *Unguentum de Sapone Gereonis*, Oyntment of Soap.

℞ *Venice or Castle Soap thin sliced* ℥iij ß: *boyl it in Fumitory Water (juyce of Pop-*

Poppies or Henbane in my Opinion is better) ℥vj: *to be dissolved: then add Oyls of Euphorbium and Hypericon, A.* ℥ß: *Oyl of Earthworms* ℥j: *Oyl of Juniperberries* ℥jß: *boyl to the consumption of the humidity: then add Mastich, Frankincense, A.* ℥iij: *Sulphur Vive, Euphorbium, Pyrethrum, A.* ℥ij.ß: *mix and make an Oyntment.*

This is invented for the use of poor people, to ease all manner of pains, chiefly the Gout, and other afflictions of the Joynts.

17. *Unguentum Aloeticum Mindereri,* Oyntment of Aloes.

℞ *fine Aloes poudred small, Virgin Honey, Deers Suet, Cypress Turpentine, A.* ℥iij: *melt and mix them, adding the finely poudred Aloes, when they are almost cold.*

Considering the smallness of the Composition, and easiness of its preparation, it may be said to be one of the best Vulneraries in use.

18. *Unguentum Decameron Mindereri,* Oyntment of the ten Juyces.

℞ *Juyces of Persicary or Arsmart* ℥xij. *of Groundsel, Tobacco, Yarrow, Sharp pointed Dock, Cranes Bill, Plantane, Centaury, Hypericon, Celandine, A.* ℥vj: *mix, strain, and let them settle for twenty four hours, then decant off the clear; to these add fresh Butter, juyce of Spanish Liquorice scraped thin; inspissate juyces of Comfrey, Tormentil and Hounds-Tongue, all finely scraped, A.* ℥iij: *Oyl of Myrrh, and Deers Suet, A.* ℥xij: *boyl all together to the Consumption of the aqueous humidity; then strain, and add Venice Turpentine* ℥vj: *Gum Elemi* ℥x: *Wax, enough to give it the consistency of an Unguent: these two latter melt each apart, and being mixt, add at last a little refined Verdigrise.*

It is a most incomparable Vulnerary, being as *Mindererus* saith, of great efficacy, both for cleansing and healing, not only of green

green Wounds, but also of all old Ulcers whatsoever, and in what part of the body soever: esteem it as a Jewel.

19. *Unguentum Ophthalmicum Rosatum*; Rosed Oyntment for the Eyes.

℞ *Oyntment of Roses* ℥ij: *Virgin Honey* ℥ß: *fine Aloes, Sarcocol (three days infused in Womans Milk without stirring of it, and changing the Milk once a day) A.* ℥ij: *white Troches of Rhasis in Ponder, fine bole, Tutia prepared, A.* ℈iiij: *white Vitriol, Sugar Candy, A.* ℥j: *Saffron, Myrrh, Olibanum, A.* ℈ij: *Thebian Opium* ℈j: *make them into an Oyntment according to Art.*

It is intended against Diseases of the Eyes, for which it is an excellent Oyntment; put a large drop into the Eye, and then let the Patient go to sleep upon it, in the morning wash with some proper Eye water.

20. *Unguentum Æruginis*, Oyntment of Verdigrise.

℞ *fresh Butter depurated* ℔ij: *Rosin, Burgundy Pitch, A.* ℔ ß: *yellow Wax* ℥ij: *mix and make an Oyntment: when it is off the Fire, add Verdigrise finely pondred* ℥j: *continually stirring it till it is cold.*

It is of great force to cleanse and heal all sorts of Sores and Ulcers, doing that in two or three days, which some other Medicines will not do in a Month.

21. *Unguentum de Resina Compositum*; Oyntment of Rosin Compound.

℞ *Oyl Olive* ℥xij: *Rosin, Turpentine, A.* ℥vj: *Wax* ℥iij: *choise Myrrh, Sarcocol, Frankincense, Mastich, Meal of Linseed and Fenugreek-seed, A.* ℥j: *melt the Oyl and Wax together over a gentle heat, stir till they are half cold, then add the Turpentine and Honey; after them the Meals, and lastly the Gums in fine ponder, which mix well together.*

This Oyntment cleanses much, incarnates and heals, and may be used instead of the Parsly Oyntment. It is in-

indeed an excellent thing in all Wounds and Ulcers.

22. *Unguentum Litharg ij*, Oyntment of Lithage.

℞ *Litharge* ℥*ij*: *Ceruse washed* ℥*j*: *Mummy* ℥*ij*: *with Oyl of Roses and Vinegar make an Oyntment.*

It generates fleſh in Ulcers, heals and skins them after an excellent manner. It is invented in order to the healing of Cancers, after mortification and eradication thereof. It is of the nature of *Nutritum* or *Tripharmacum*, in Our *Pharm. Lib. 5. Cap. 4. Sect. 18.* but this is more powerful and ſympathetical to all thoſe intentions, by reaſon of the addition of the *Mummy*. You may alſo apply it ſucceſsfully againſt all manner of Burnings and Scaldings.

23. *Unguentum Vulnerarium*, A Wound Oyntment.

℞ *freſh Butter depurated* ℔*iij*: *yellow Wax* ℔*ij*: *Roſin* ℔*j*: *Turpentine* ℔ *ß*: *melt, mix, and make an Oyntment.*

It heals all green Wounds immediately; cures Ulcers of the Legs, Chilblains, Kibes, chaps and clifts of the Breaſts, Lips, Hands and other parts.

24. *Unguentum Vulnerarium magis Compoſitum*, Wound Oyntment more Compound.

℞ *Oyl Olive* ℔*iiij*: *Venice Turpentine, Roſin, Stone Pitch, Sheeps Suet, A.* ℔*j*: *yellow Wax* ℔*ij*: *Maſtich (in fine powder)* ℔ *ß*: *melt, mix*, &c.

The Virtues are the ſame with the former, beſides which, it ripens and breaks all ſorts of Apoſtems, as alſo Peſtilential Carbuncles, Venereal Buboes, *&c.* You may uſe it after the Tumor is broken, till the Cure is perfected.

25. *Unguentum Valeriola*, Wound Oyntment of Valeriola.

℞ *juyce of Smallage* ℔ *ß*: *beſt Honey* ℥*iiij*: *Barly Meal* ℥*ij*: *Meal of Orobus* ℥*j*:

℥j: *choiſe Myrrh* ℥ij: *Turpentine* ℥j ß: *melt, mix and make an Oyntment.*

It is inferior to no one thing in cleanſing all putrid, ſordid and foul Ulcers, eſpecially ſuch as are hollow or cavernous, which it does without any biting at all; let linnen rags be dipt therein, and put into the cavity of the Ulcer. Value this as a Jewel in all Ulcers which have thin ichorus Excrements and Impurities.

26. *Unguentum Petri Bayeri*, An Oyntment of Peter Bayerus.

℞ *Juyce of Bramble tops, Juyce of Roſes, Vinegar, A.* ℥ij: *Frankincenſe, Maſtich, A.* ℥iij: *Litharge of Gold* ℥j: *Canary* ℥iiij: *Juyce of Houſleek* ℥iij: *Aqua Vitæ* ℥iiij: *Verdigriſe* ℥ij ß: *Vitriol, burnt Alum, A.* ℥j ß: *Camphir* ℥j: *Oyl of Roſes* ℥iiij: *pouder and ſearſe thoſe things which are to be poudred, which with the other let boyl all together upon a gentle fire (except the Camphir which is to be put in at the end) to the conſumption of the Juyces, then add Wax,* q. s. *and make an Oyntment.*

It is a ſingular thing to cure all manner of, old ſordid, inveterate, putrid, Malign and cancerous Ulcers, in any part of the Body: and by the uſe of this Medicine a cancerous Yard was cured.

27. *Unguentum Mercuriale Sennerti*, Mercurial Oyntment of Sennertus.

℞ *Sorrel, Scabious, Wormwood, Tanſy, leaves of Peaches, of the wild Aſh-tree, of Henbane, of the Walnut, A.* M. j: *bruiſe all well together, and take their juyce, to which add old Hogs Greaſe* ℔ij: *boyl all together, till the humidity is conſumed; then put to it Ship Pitch* ℔j ß: *being very hot add Myrrh, Frankincenſe, Maſtich, (all in fine pouder) A.* ℥ij: *which ſtir about with a ſpatula, till the whole has the conſiſtency of an Oyntment. When you have an occaſion to uſe it, to every* ℥iij, *put Quick-ſilver killed with faſting ſpittle)* ℥ ß: *or the*

Quick-

Quick silver may be shaken together with the white of an Egg.

With this Oyntment you may cure within 15. days all manner of Scabbiness, whatsoever it be: Or those *Sirones* which are accompanied with Itching. It is also an excellent good thing against the Itch, and against the breakings out of the *French* Pox, and Tumors and Nodes thence proceeding.

28. *Unguentum Apij Compositum*; Oyntment of Parsly Compound.

℞ *leaves of Parsly or of Smallage, M. iij: Ground-Ivy, Wormwood, Hyssop, Centory the less, Germander, Mint, Sage, Hypericon, Plantane, Yarrow, Periwinkle, Saracens consound, Bugle, Betony, Wood-bine, Vervain, Speedwell, Ladyes bedstraw, Knot Grass, Adders Tongue, Pimpernel, A M. ij: Oyl Olive* ℔viij: *stone Pitch, (or instead thereof Burgundy) Sheep suet, Wax, Turpentine, A.* ℔ij; *melt the Wax, Pitch, and Suet with the Oyl, into which put the Herbs bruised, which boyl gently, stirring them with a wooden spatula, till the humidity is nearly wasted, then strain and press strongly, to which straining (being almost cold) add Myrrh, fine Aloes, A. ℥iiij: roots of round Bithwort, Florentine Orrice, A. ℥ij: all in fine ponder, mix them all well together.*

It is an excellent Vulnerary, cleanses and heals Wounds to admiration. It is good against the bitings of mad Dogs, and other venomous creatures; prevails against Cramps, Palsies, Numbness, Weakness, and pains of the Nerves, Joynts, and other parts, *&c.* Some take the Juyces of the Herbs, but the Juyces alone cannot impart so great Vertues to the Medicine, as the compleat Herbs can; nor can they impart to this or any other Oyntment their green color; unless they be boyled with their Herbs.

29. *Unguentum Hederæ terrestris*, Oyntment of Ground Ivy.

℞

℞ *May Butter* ℔vj: *Ground Ivy bruiſed, M. vj. boyl to criſpneſs: ſtrain out by preſſing, and boyl in the Liquor M. vj. more: do ſo the third time, then ſtrain out, and keep it in a glazed pot for uſe.*

It cures Pearls and Spots in the Eyes to a wonder, with other the like Diſtempers, by putting into the Eye about half the quantity of a Pea, morning and night, and then binding over it a cloth dipt in the *Liquor Stypticus*, at *Sect.* 10. *Cap.* 1. of this Book.

30. *Unguentum ad Porriginem*, An Oyntment againſt the Itch.

℞ *Oyl Olive or Oyl of Roſes* ℥ij: *flowers of Sulphur, Quick ſilver, A.* ℥j: (*let the Quick-ſilver be brought into a ſubtil black pouder by grinding with the flowers of Sulphur, in an Iron Mortar*) *Camphir* ℥ ß: *grind all well together to an Oyntment.* Or, ℞ *Oyl Olive old, or old Oyl of Nuts* ℥ij: *flowers of Sulphur, Tar, A.* ℥j: *Juice of Limons* ℥iij: *boyl to the conſumption of the juyce, and add Soot in fine pouder* ℥ß. Or, ℞ *black Soap* ℥ij: *flowers of Sulphur, Ginger, Pepper, Tar, A.* ℥ß: *mix them.* Or, ℞ *Venice or Crown Soap* ℥j: *flowers of Sulphur, Sal Armoniack, A.* ℥ß: *mix them over a gentle heat to an Oyntment.*

All theſe are of extraordinary uſe in curing of Scabs, Itch Tettars, Ringworms, Herpes, or any other breakings out of the Skin, by anointing therewith: The firſt is the beſt and the moſt powerful, but the moſt dangerous, and therefore ought to be uſed with caution.

31. *Unguentum Evæ*, Oyntment of Eve.

℞ *Oyl Olive* ℔j: *Marrow of an Ox Leg, yellow Wax, Roſin of the Pine Tree, A.* ℥ij: *freſh Butter* ℥iij: *mix and make an Oyntment.*

That this was invented by our old Mother *Eve*, is more than I can prove, for all that it bears her name: however it ſoftens Tumors, diſcuſſes

cusſes and is Anodyn: It takes away Inflamations and eaſes pain. *Foſcarinus* it was that brought it with him out of *Turky*.

32. *Unguentum ad Paralyſin Valeriolæ*, Oyntment againſt the Palſy.

℞ *Sage, ſweet Marjoram, Betony, Bays, Roſemary and Primroſe leaves, A. M. j: roots of Time, Acorus, or Galangal, and Flower-de-lince newly gathered, A. ℥iij: Oyls of Foxes, of Indian Nuts, of Rue, A. ℔j: Oyl of Turpentine ℔ ß: ſtrongeſt Wine ℔ j: Aquæ Vitæ ℔ß: boyl them till the Wine be conſumed, then ſtrain them, and add of Serapinum, or Sagapenum, Opopanax and Bdellium, A. ℥ij: Caſtor ℥ß: Mace, Nutmegs, Styrax, Calamita, Benjamin, A. ℥iij: long Pepper, Pyrethrum, A. ℥j. Greaſe of an old Cat, of a Serpent, and of a Gooſe, A. ℥j: Marrow of an Ox bone ℥ij: Juyces of Dwarf Elder, Sage, Bawm, A. ℥iiij: Propolis ℥ij: mix, and with a ſufficient quantity of Bees Wax melted into the aforeſaid Oyls, make them into the conſiſtency of a thin Oyntment or Liniment.*

This is much commended by *Valeriola*, in his Obſervations for the purpoſes intended; doubtleſs it ſtrengthens any weak part, takes away laſſitudes, and watery Humors from any Member: In the Palſy anoint all along the back-bone warm, laying of Wooll or fine Flannel warm thereon.

33. *Unguentum Paralyticum Riverij*; Palſy Oyntment of Riverius.

℞ *Juyces of Squills ℥iiij: Juyces of Cucumber and Rue, A. ℥j: Euphorbium, Caſtor, Sagapenum, Ammoniacum, Bdellium) diſſolved in Vinegar) A. ℥j ß: Myrrh, Frankincenſe, Pyrethrum, Niter, A. ℥j: Oyls of Elder, Turpentine and Euphorbium, A. ℥ß: Wax a ſufficient quantity, make an Oyntment.*

It is a powerful Oyntment in the Palſy, and in all cold, moiſt and paralytick Diſtempers of the Limbs, anoint

anoint all the Back-bone therewith and the parts affected; it would be good to use it, chiefly after bathing or sweating; for then the pores and passages of the Skin, being open, do the more easily receive the Oyntment.

34. *Unguentum Johannis Prevotij*, The Oyntment of John Prevotius.

℞ *Tobacco leaves, middle bark of Elder, A. M.* j: *roots of white Asphodel thinly sliced* ℥j: *Oyl Olive* ℔j: *boyl away the humidity upon a gentle fire, and press them strongly out, to which add Frankincense in fine ponder* ℥ ß: *Wax* ℥vj: *mix, and make a Liniment.*

It is a very excellent thing to cure ulcerated Chilblains or Kibes, in the Feet of Children or Elder people: The said *John Prevotius* deservedly commends it in his Medicines for the Poor; I have always oftentimes used it, and never found it fail. It presently heals ulcerated Chilblains or Kibes on the Nostrill Ears or Hands.

35. *Unguentum* seu *Linimentum simplex*, The simple soft Oyntment.

℞ *Juyce of Nightshade, newly expressed, Oyl of Roses, A.* ℥xx. *boyl them according to Art, till the Juyce be boyled away: strain out, and add thereto Litharge of Gold, Ceruse, A.* ℔j: *mix according to Art, and make an Oyntment or Liniment.*

It is cooling, drying, and resisting the heat of Inflamations, being in an Erisipelas and confirmed Cancer.

36. *Unguentum ad Lepram Græcorum, Stulteti*; An Oyntment for the Leprosy.

℞ *Pomatum, Oyl of Tartar* per deliquium, *A.* ℥ij: *Flowers of Sulphur* ℥ij ß: *or* ℥iij: *Balsam of Peru* ℥j: *melt, mix, and keep stirring till it is cold.*

He first caused the sick to bath in fair warm Water, in which *Fumitory, Mallows, Speedwel* and *Elecampane* were boyled; then he anointed

nointed with this Oyntment, he caused the ordinary drink to be Decoction of China, and often to take the *Electuarium ad Lepram*, in *Lib. 2. Cap. 22. Sect. 19.* and anointed the Back with Fat of Vipers.

37. *Unguentum de Betonica*, Oyntment of Betony.

℞ *Juices of Betony* ℥ij *of Burnet, of Wood-bind, of Comfrey, A.* ℥ß. *Malmsey* ℥v. *boyl away the Wine, then add Turpentine* ℥ij. *Sheeps suet, Oyl of Roses, A.* ℥j. *powder of Mustick, Myrrh, Mummy, A.* ℥j ß. *Verdigrise* ℥ij. *Wax q. s. mix and make an Oyntment according to Art.*

It is a good thing to digest, cleanse and incarnate all green Wounds, more especially if they be in the *Cranium* or Head; by its application it prevents evil Symptoms, and renders the healing more secure.

38. *Unguentum Seminum Hyoscyami*, Oyntment of Henbane Seed.

℞ *Henbane seeds powdred,* ℥ij. *burnt Alum, burnt Vitriol, A.* ℥ß. *Butter (melted and washed in Plantane Water) q. s. mix and make an Oyntment.*

Its use is to consume the *Callum* or hardness of a *Fistula*: which is done by diping a Tent therein, and putting it into the *Fistula*: afterwards it ought to be tented (*viz.* when the *Callum* is removed) with such things as may prevent the breeding of a *Callum*: such as is this following mixture. ℞ *Unguent. de Betonica* ℥j; *Ung. Aegyptiac.* ℥ß: *mala* them well together for the purpose aforesaid.

39. *Unguentum Mercuriatum*, An Oyntment of Mercury precipitate.

℞ *Mercury precipitate, burnt Alum, Verdigrise, Salt Peter, A. whites of Eggs a sufficient quantity; mix and make an Oyntment.*

This presently extirpates the Callous of Fistula's, a linnen Tent being covered over herewith, and so applyed: but it does not the work so pleasantly nor safely in

parts Nervous, or such as are endowed with exquisite sense. The Callous being removed, the Ulcer may be cleansed with *Ægyptiacum*, and incarnated with *Ung. de Betonica*, and consolidated with *Ceratum Divinum*; and, if there be any reliques of a hard Tumor, you may dissolve it with *Ceratum Oxelæum*: This Oyntment is admirably applicable to Fistula's of the Breast.

40. *Unguentum contra Vermes*, An Oyntment against Worms.

℞ *Aloes Epatick* ʒiij: *Extract of Gentian* ʒj: *red Myrrh* ʒvj: *Extract of Wormwood* ʒij: *Extract of Colocynthis* ʒß: *spirit of Rhenish Wine* ʒiiij: *Ox Gall* ʒvij ß: *Oyl of Wormwood by boyling* ʒviij: *pouder fine what is to be poudred; mix and boyl in a double Vessel to the consumption of the humidity of the Gall and S. V. then add yellow Wax* q. s. *mix and make an Oyntment.*

You are to anoint herewith from the Stomach to the Groin over the whole Belly, and that every day, morning and evening, for some certain time: It kill Worms in Children, and brings them away by stool.

41. *Unguentum contra pediculos*, An Oyntment for the Lousy Evil.

℞ *Oyl of Bays* ʒviiij; *juyce of Rue* ʒvj: *boyl to the consumption of the juyce, then add Quick-silver killed with fasting spittle* ʒj ß: *seeds of Staves-Acre, Niter prepared, Aloes Epatick, A.* ʒß: *roots of white Hellebore, of sharp pointed Dock, Indian Tobacco, A.* ʒij: *Camphir, Oyl of Spike, A.* ʒj: *and with Wax,* q. s. *mix and make an Oyntment.*

It is an approved thing for the purpose intended, but you must use it with care and caution, and take heed of getting cold.

42. *Unguentum ad Luem Veneream*, An Oyntment for the *French Pox*.

℞ *Hogs Lard* ʒiij: *Oyl of Hypericon* ʒj: *Unguentum Aragon* ʒij: *Frankincense*

ceruse ʒβ: *Ceruse* ʒij: *Mercury precipitate* ʒ iiij: *mix over a gentle heat, and make an Oyntment.*

The use is the same with that of *Ung. Neapolitanum*, It powerfully helps all Pocky Sores and Ulcers; and dissloves Gums, Tophs, and Nodes, if the Bone be not corrupted, you must use it wisely and cautiously: by precipitate here is meant the white, which is much the better for this purpose.

CHAP. V.

of CERATES.

1. *Ceratum ad Cadavera*, A Cerecloth to wrap up dead Bodies in.

℞ *Beet Wax* ℔xxv. *Turpentine, Colophony, Rosin, Ana* ℔ij. *Ships Pitch* ℔ j ß. *Frankincense, liquid Storax, A.* ℔ij. *Oyl of Spike* ℔ ß. *Verdigrise* ℔j, *melt and mix, adding two Oyls of Roses* ℔ij, *or more, in which dip the Cloth.*

It is intended only to wrap up dead Bodies in, whether Embowelled or not: The Embalmer may make the Cloth so large, as that it may go 4, 5, or more times about the Body.

2. *Ceratum aliud ad Cadavera*, Another Cerecloth for the same purpose.

℞ *Burgundy Pitch* ℔x. *Rosin, Frankincense, A.* ℔v. *Aloes, Myrrh, A.* ℔j. *Oyl of Spike* ℔ß: *Oyl of Cloves distilled* ʒj: *Oyl of Mace by Expression* ʒij. *Sheeps Suet* q.s. *melt, mix, and make a Cerate.*

The uses and intentions are altogether the same with the former. In the making of this latter you must be very careful, for otherwise the

Burgundy Pitch will not eaſily mix, but harden in a lump, if the fire be too hot, therefore the fire ought to be gentle.

3. *Ceratum Divinum Sculteti*, Divine Cerecloth of Scultetus.

℞ *Gum Ammoniacum*, *Galbanum*, *Opopanax*, *Bdellium*, *ponder of Myrrh*, *Frankincenſe*, *Maſtich*, *long Bithwort*, *Verdigriſe*, *Cadmy prepared*, *Lapis Hamatites*, *A.* ℥j. *Litharge of Gold*, *Oyl Olive A.* ℔j *yellow Wax*, *Turpentine*, *A.* ℥vj. *melt*, *mix*, *and make them up into a Cerate.*

It conglutinates Ulcers very ſpeedily, hinders the growing of any bad fleſh, and forthwith cicatrizes a Wound.

4. *Ceratum Diaſnipi ab Aquapendente*, Cerate of Muſtard ſeed.

℞ *Sal Gem*, *Litharge of Gold*, *Ceruſe*, *A.* ℥iiij. *Wax*, *Turpentine*, *A.* ℥ij. *Galbanum*, *Opopanax*, *A.* ℥ſs. *Muſtard Seed poudred* ℥ij. *old Oyl* ℥ix. *ſharp Vinegar*, q. s. *mix and make a ſoft Cerate according to Art.*

He preſcribes it againſt a Meliceris, and ſuch like Tumors; for it warms, comforts the parts, and diſcuſſes mightily.

5. *Ceratum Citrinum ab Aquapendente*, The yellow Cerecloth.

℞ *Juyce of Tobacco* ℥vj. *new yellow Wax* ℥iiij. *Roſin* ℥iij. *Turpentine* ℥ij. *Oyl of Myrtles* q. s. *make a ſoft Cerate.*

It is a powerful diſſolver of Tumors, and eaſer of pain; it ſtrengthens weak Limbs, and reſtores ſuch as are withred and have loſt the uſe of them: It cleanſes, fills up with fleſh, and heals old Ulcers, and other filthy running Sores; and cures green Wounds almoſt in a moment.

6. *Ceratum pro Fonticulis Sculteti*, Scultetus his Sparadrap for Iſſues.

℞ *Cerate of white Lead or Album Coctum* ℥iij: *Ceruſe in ponder* ℥iiij: *Frankincenſe*, *Gum Tragacanth*, *A.*

A. ℥vj: *Florentine Orrice, Benjamin, A.* ℥v: *liquid Styrax, Oyl of Spike, A.* ℥ij. *Venice Soap* ℥ij: *Wax* ℥ij: *or a sufficient quantity, mix, melt, and make a Sparadrap according to Art. You may add a little Musk to it, to make it smell the more pleasant.*

It is to be spread upon new Linnen Cloth; with this Sparadrap, saith *Sculteti*, for two and twenty years, I have preserved above a thousand Issues, from all evil Symptoms, to the admiration of all that used it.

7. *Ceratum Ducis Hetruriæ*, Cerecloth of the Duke of *Tuscany*.

℞ *Juyce of Ivy* ℔iij: *Juyce of Tobacco, Turpentine, pure Rosin, Ointment of Roses Mesue, yellow Wax, A.* ℔j: *Oyl of Nutmegs* ℥ij: *pouder of sweet Cypress* ℥ij: *pure Ceruse* ℔j: *mix, melt, and make a Cerate.*

It is chiefly designed to keep Issues from all ill Symptoms, and therefore the use of this is the same with the former.

8. *Ceratum Oxyleum*: Cerecloth of Vinegar and Oyl.

℞ *common old Oyl* ℔j: *sharp Wine Vinegar, Litharge of Gold, A.* ℔ fs. *mix upon a gentle fire, till they come to the consistency of a soft Cerate.*

It discusses, drys, eases pain, strengthens the part, and is beneficially applyed to Cancers whether ulcerated or not.

9. *Ceratum ad Tophos Sculteti*, Sculteus his Cerecloth against Nodes.

℞ *Quick silver (killed with fasting spittle)* ℥ fs: *pouder of Indian Tobacco* ℥ fs: *Diachylon with Gums, Ceratum Oxyleum, Ceratum Citrinum, A.* ℥j. *distilled Oyl of Guajacum* ℥j: *mix, and make a Cerecloth.*

This Cerecloth is used against Pocky Nodes and Gums, when they will not be cured by Medicaments given by the Mouth, as Sarsa, which far more easily and quickly cures all knots and Accidents of the *French* Pox,

than Guajacum doth: the Author commends this Cerat as an admirable thing in the case specified: but if for all this the Shins shall continually ake, and the Gummosity will not be discussed, it is a most certain sign that the bone under the Node is corrupted; and therefore it is necessary to make incision upon the Node along the Shin-bone, with an Incision Knife, which being uncovered must be scraped away with scraping Tools, where it is corrupted. *The first day* the Node is to be cut with an Incision Knife, upon the length of the Shin-bone, unto the Bone it self; then the Wound is to be dilated with Tow or Hempen hards, wet in the white of an Egg beaten, and the leg must be swathed with a convenient Ligature, to keep off a flux of Humors. *On the second day* you must take off the hards, and lifting up the Wound artificially, having first very well defended the sound parts about it, that they may take no hurt, you must fill it with a Caustick; that of *Ambrose Parus*, which he has described *Lib. 26. Cap. 32.* under the name of *Holosericum*, is admirable in this case, he calls them *Holosericum* Silken or Velvet Cauteries, for that they are like silk, gentle, and without pain; moreover he obtained them of a Chymist, by many entreaties and a piece of Velvet, from whence came the name. ℞ *of the Ashes of Beans Stalks, and the Ashes of Oak Wood well burnt,* Aa ℔ij: *let them be infused in a pretty quantity of River water, and be often stirred up and down; then add thereto of unquenched Lime* ℔iij: *which being quenched, stir it now and then together for two days space, that the* Capitellum *may become the stronger; then strain it through a thick and strong linnen cloth, and this strained, put it three or four times upon the Ashes, that so it might draw more of the caustick faculties from them, then boyl it in a Barbers Basin, or else in an earthen pan well leaded, upon*

a good Charcole Fire, till it becomes thick. But a great part of the Secret or Art, conſiſts in the manner and limit of this boyling; for this Capitellum *becoming thick and concreeting into Salt, muſt not be kept ſo long upon the fire, until all the moiſture ſhall be vaniſhed and ſpent by the heat thereof: for thus the force alſo of the aforeſaid Medicines, which alſo conſiſts in a ſpirituous ſubſtance, will be much diſſipated and weakned: therefore, before it come to extream dryneſs, it ſhall be taken from off the fire, to wit, when as yet there ſhall ſome thick moiſture remain, which may not hinder the Cauteries to be made up into a form. The made up Cauteries ſhall be put up into a Glaſs, moſt cloſely ſtopped, that the Air may not diſſolve them, and then ſet up in a dry place for uſe.* But to proceed to our former matter, this Cauſtick being laid on, cover it with a Plaſter extended all the breadth of it, but not going round about the Leg: bind the Leg again with a preſſing band according to Art. *On the third day,* removing all theſe things, apply ſuch things as will make the Eſcar fall off: when that is taken away, ſcrape away the rottenneſs unto the quick; and then with drying pouders cover the Bone with fleſh. Thus you ſee the Node is firſt cut, that the Cauſtick may ſooner come to act, yet inciſſion is not always neceſſary, unleſs it be for thoſe who will hardly believe the Chyrurgian when he tells them that the Bone is rotten, until ſuch time as they ſee it or touch it themſelves.

10. *Ceratum Johannis Prævotij*; The Cerecloth of Prævotius.

℞ *Millet Meal* ℥ij: *Oyl of Roſes, ſtirred up in a leaden Mortar* ℥iij: *Pouder of crude Lead* ℥ß: *Golden Rod, Sowthiſtle, Night ſhade pouldered, A.* ℥ij: *new Wax* ℥ij, ℥vj: *Pino Roſin* ℥x: *mix, melt, and make a Cerate,*

This was designed for to resolve and cure Cancers, which Experience has confirmed, being applyed after due purging. *Sculletus* applyed it to a *Cancer* in a Womans Breast, arising from the stoppage of her Terms, and he says, it did in three Months space insensibly dissolve the Tumor: In the mean time, seeing that her courses which had been stopt for two years, could not be broght down by remedies, he made her an Issue on the inward part of each Thigh, to the end that the offending matter might be brought down to the lower parts, and he kept them open a year, least the Humors should gather together again, and offend some other part. The Purge which ought to be given several times before hand, (because of the exquisiteness thereof) we will here incert, and it is this. ℞ *Confectio Hamech* ℥vj: *Extract of black Hellebor* ℈j: *Cream of Tartar* ℈ß: *decoction of flowers and Fruits*, q. s. *mix them*.

11. *Ceratum Paraliticum Riverij*; A Cerecloth for the Palsy.

℞ *Emplaster of Betony, Melilot and Bay Berries, A.* ℥j: *Frankincense, Seeds of Nigella or Gith, seeds of Water-Cresses and Mustard, Roots of Pyrethrum, Sal Niter, A.* ℥ß: *Castoreum, Euphorbium, A.* ℥j. *with Oyl of Bricks*, q. s. *make a Cerecloth.*

The Title shews the intention, for which it is a singular good thing: some spread it upon new thick cloth, which I think is the better; but *Riverius* advises it to be spread upon Leather.

12. *Ceratum Diasulphuris*, Cerecloth of Sulphur, Compound.

℞ *Oyl of Ben, or of Wallnuts, by Expression* ℔j: *flowers of Sulphur* ℥ij: *Oyl of Tartar* ℥j: *digest all together in a moderate sand heat, till the flowers of Sulphur are dissolved in the Oyl, decant the clear liquor into a brass Frying-Pan Tinn'd within, and over a gentle fire; melt there-*

therein, yellow Wax ℥iiij: *Colophony* ℥iij: *then taking the Pan from the fire and ſtirring the matter till it is half cold, mix therewith red Myrrh finely pondred, the full weight of all the other ingredients (viz.* ℥xxij:) *and the Searcloth is done.*

'Tis excellent to ſoften and diſſolve ſcrophulus Tumors, and all other kind of external ſwellings, proceeding from a cold matter, hard to diſſolve. It is alſo a ſpecifick in diſſolving Tumors *in Scoto*, ariſing from Venereal Venom, and in cleanſing all ſorts of Ulcers. Spread it upon Linnen or thin Leather, and apply it to the part affected: but when you apply it to the Teſticles, make uſe of a kind of Purſe and Swathing band.

13. *Ceratum Refrigerans*, A cooling Cerecloth.

℞ *Oyl of Roſes* ℔j: *white Wax* ℥iij: *ſlice the Wax, which put with the Oyl into a glazed Earthen pot: diſſolve the Wax in the Oyl in B. M. then taking off the Veſſel, continually keep ſtirring it till it be cold, adding in the mean ſeaſon fair Water* ℥ij: *and continuing the ſame ſtirring: when this Water is drunk up add more, and continuing the ſtirring; ſtill add more water, till you find it has enough, and the Cerate is white enough; after decant the Water, and put up the Cerate for uſe: ſome mix Spirit of Vinegar one Ounce therewith to make it more piercing.*

This was of *Hippocrates* his Invention, and a good thing it is in eaſing and cooling of all ſorts of Inflamations, in what part of the Body ſoever, by being anointed thereon, and lint diped therein applyed over it. It is very good againſt heat of the Reins, Phlegmons, Eryſipela's, Tettars, and ſuch like: It is approved in eaſing the pain, and allaying the heat of the Hemorrhoids or Piles, and to cure crackings, chapings, and peelings of the Skin in the Lips, Hands, and other parts. It allays Inflamations, and heals Galing of the Thighs and other parts in little Children, and in ſuch

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as are fat and purſy: It cures Chappings and other Sores in Womens Breaſts, and their Nipples, and is very good againſt Burnings: when there is need of drying and skinning, you may mix it with a fit proportion of *Unguentum Album*.

14. *Ceratum Stomachicum Commune*, The common Stomach Cerecloth.

℞ *Oyl of Quinces* ℔iij: *white Wax* ℔j: *red Myrrh, red Roſes, A.* ℥ v: *Wormwood dryed* ℥iiij: *Indian Spicknard* ℥ij ß: *melt the Wax in the Oyl, in a glazed Earthen Veſſel, and ſtir it till it begins to thicken; then add the other Ingredients in fine pouder.*

Some in the place of Myrrh put ſo much Maſtich, both are good, you may take which you like beſt; for my part I prefer the Myrrh: Some alſo melt the Gum in part of the Oyl, being firſt made into fine pouder, and then mix this diſſolution with the diſſolution of the Wax in the other part of the Oyl. The Title ſhews the Intention; it ſtrengthens the Stomach, helps digeſtion, provokes an Appetite, ſtops Vomiting, digeſts bad Humors, and expels Wind: let it be applyed hot to the Stomach.

15. *Ceratum Aromaticum*, A ſweet ſcented Cerecloth.

℞ *white Wax* ℔vj: *Oyl of Nutmegs by expreſſion, diſtilled Oyl of Lavender, diſtilled Oyl of Orange and Citron Peels, A.* ℥ij: *melt the Wax over a gentle fire in a Copper Baſin Tinn'd over, large above and narrower below: put in the Oyl and mix them well: then dip therein Linnen Coth of an indifferent fineneſs.*

This was deſigned to wrap up dead Carcaſes in, and may be uſed inſtead of thoſe at *Sect.* 1. and 2. of this Chapter, though for my part, I judge either of them to be better. This is good to be applyed in weakneſs of the Nerves, and upon Paralitick Members.

16. *Ceratum ex Betonica*,

ca, Cerecloth of Betony.

℞ *Turpentine* ℥iij: *Pine Roſin, yellow Wax, A.* ℥ij: *Betony in pouder, Roſemary and Lavender flowers, A.* ℥ß: *Maſtich, Frankincenſe, red Myrrh, A.* ℥ij: *Mummy, Gum Ivy, A.* ℥j ß.: *mix and make a Cerate.*

It is good to apply to the Crown, Sutures, and Temples of the Head, to prevent defluxions of Rheum; It comforts and ſtrenghens any weak part, eaſes pain, and heals any green Wound.

17. *Ceratum ad prohibendum abortum Milij,* A Cerecloth to prevent Abortion.

℞ *Oyl of Olives, or of Quinces or of Myrtles* ℔iij: *Maſtich* ℥j: *Laudanum* ℥vj *Wax* ℥ß: *Biſtort, Cypreſs Nuts, Hypociſtis, Acacia, red Roſes, red Coral, fine Bole, dryed Mint, Coriander ſeeds, Terra Sigillata, A.* ℥ij. *Venice Turpentine* q. s. *mix, and boyl to the thickneſs of a Cerate.*

In my Opinion there is too little Wax, or elſe you muſt make a very long boyling, which cannot be ſo well: firſt boyl the Oyl, Maſtich, Wax and Turpentine to a due conſiſtency, then ſtrew in the Pouders, and at laſt add the Laudanum: the Wax and Turpentine may be of each ℥iij: and ſome inſtead of *Laudanum Opiatum* take *Labdanum*, but the former is more to our pupoſe, which you may add to ℥j.

CHAP. VI.

Of EMPLASTERS.

1. *EMplaſtrum ad Herniam Noſtrum*, Our Plaſter for Ruptures.

℞ *Ox Gall N°vj. Myrrh* ℔ij: *Turpentine* ℔j: *Bees Wax, Ship Pitch, A.* ℔ ſs.

boyl

boyl all neerly to the thickness of an Emplaster; to which, whilst hot, add Mummy, Load-stone, both in fine pouder, A. ℥vj: mix them, and stir till it is nearly cold.

It is one of the most powerful things in the World to consolidate a Rupture, or knit broken Bones; and to strengthen any weak or feeble part.

1. *Emplastrum Arcæi*; The Emplaster of Franciscus Arcæus.

℞ *Oyls of Roses, of Camomil, of Violets, A.* ℥j: *soft Hens Fat, Veal Marrow, A.* ℥ß: *Earthworms washed in Wine* ℥j: *fresh Butter* ℥vj: *Mucilage of Althæa* ℔ß: *boyl all to the consumption of the humidity; then strain, and after add Litharge* ℥ ij ß: *Vermillion* ℥iij: *Turpentine* ℥x: *Mastich* ℥ ß: *white Wax, q. s. make a Plaster.*

It is the Vulnerary Emplaster of *Arcæus*, and of singular use in curing and healing of all manner of Wounds; it breeds flesh, and skins Sores to a wonder. It takes away Nodes, Tophs, or such like Tumors, and is an excellent thing for Womens sore, hard and pained Breasts.

2. *Emplastrum Leonicum Arcæi*, The Leonine Emplaster of *Arcæus*.

℞ *Oyl of Roses* ℥vj: *Cerusse* ℥iij: *Unguentum Basilicon* ℥j: *boyl them together over a gentle fire, stirring all the while with a Spatula of Wood, till it is of the thickness of a Cerot: then add Verdigrise in pouder* ℥iij: *boyl again, till it is of a yellow or reddish color.*

It is of good use in producing a Cicatrise upon Wounds, and correcting any bad Symptom that may arise.

4. *Emplastrum Nigrum Arcæi*, The black Emplaster of *Arcæus*.

℞ *old Oyl, strong Wine Vinegar, A.* ℔iij: *Litharge* ℔j: *mix, and boyl them to an Emplaster, or till it looks black.*

It

It has all the Virtues of the former, as also of the *Empl. de Minio*; and 'tis an excellent thing in any Gout, Sciatica, or other extream pains.

5. *Emplastrum ad Tophos Harveij*, Dr. *Harvey's* Emplaster for Pocky Nodes.

℞ *factitious Cinnabar ab* ℥j. *ad* ij. *Oyl of Roses* ℥ij: *Wax* lb *ß*: *melt, mix, and make a plaster.*

It was invented to discuss all pocky Nodes, Gums or Tophs, &c. which it does to a wonder.

6. *Emplastrum ad Strumam*, An Emplaster for the Kings Evil.

℞ *Emplastrum Cicutatum cum Ammoniaco* ℥iij. *red Precipitate* ℥ij *ß*. *Gum Elemi* ℥ij. *mix and make an Emplaster.*

The Title shews the Virtues: it dissolves the Tumors if not maturated and broken: if broken, it cleanses and heals them: It also eases all manner of pains in any part of the Body, yea if proceeding from the Pox.

7. *Emplastrum de Carenna cum Mercurio*; Plaster of Caranna with Quick silver.

℞ *Gum Caranna, Ammoniacum, A.* ℥j: *Quick-silver killed with Turpentine* ℥ *ß*: *mix them.*

It was invented for Tumors of the Mesentery, Pancreas and Spleen; for which purposes, its equal is not yet known.

8. *Emplastrum Resolutivum Magistrale*; A Magistral Plaster resolving Nodes.

℞ *Quick-silver killed with flowers of Sulphur, Oyl of Hypericon, A.* ℥ij: *Wax depurated* lb *ß*: *melt, mix, and make an Emplaster.*

It is a secret in dissolving of Nodes, Tophs, Gums, and Arthritick pains, which are as it were miraculously dissipated herewith. It is admirable where the cause is Venereal; it may be applyed to the Shins, Knees, Arms,

Arms, Back, between the Shoulders, &c.

9. *Emplastrum Arthriticum Barbetti*, The Gout Emplaster of Barbett.

℞ *Ship Pitch, Colophony, Propolis, Misleto of the Oak, round Birthwort, burnt Braß, yellow Wax, Turpentine, A.* ℥iij: *Mucilage of Althæa Roots* ℥ij ℈s: *Oyl of Earth* ℥ij: *Ammoniacum, Galbanum, Mastich, Myrrh, Frankincense, A.* ℥iß: *make a Plaster.*

He commends it as a very good thing in a cold Gout, besides which he never found any thing more effectual; but he put in the Ballance with it, the Styptick Plaster of *Crollius*, mixt with the Oyl of Bricks.

10. *Emplastrum Filij Zachariæ*, Emplaster of the Son of Zacharie.

℞ *yellow Wax, Ox Marrow, Hens grease, Ducks grease, A.* ℔ j. *mucilage of Linseed, Fœnugreek Seed, Marsh Mallows, A.* ℥iiij. *Oyl of Linseed, fat Rosin, A.* q. s. *make an Emplaster.*

This is as good an Emollient and Suppurative, as is ordinarily used: it gives ease in all vehement pains, softens hard Tumors, and ripens them in a short time, being a delicate thing in Tumors of the Gods. We have added the Rosin, for otherwise it will not come to the Body of an Emplaster in a long time, or not without much boyling.

11. *Emplastrum Stiptico-cum Paracelsi*, The Stiptick Emplaster of Paracelsus.

℞ *Oyl Olive* ℔iij: *Litharge of Gold* ℔ j ℈s: *yellow wax* ℥ix: *Venice Turpentine* ℥vj: *Gum Ammoniacum, Elemi, A.* ℥iij: *Oyl of Bays* ℥ij, ℥ij: *Bdellium, Opopanax, Galbanum, Mastich, Myrrh, Frankincense, Aloes, round Birthwort root, Lapis Calaminaris, A.* ℥j. *first mix the Oyl and Litharge together, and putting to them about a pint and a half of Water or Vinegar, boyl them together, continually stirring with a large wooden Spatula, till they will not stick to ones fingers: then remove the*

the mass from the fire, and put in the Wax, which being melted, cast in the Gum Elemi, melted with the Oyl of Bays, then the Ammoniacum, Galbanum, Bdellium, and Opopanax, (dissolved in Vinegar and strained) mixt with the Turpentine, after add the Birthwort root and Calaminaris, in fine powder; and lastly, the powders of the Myrrh, Aloes, Frankincense and Mastich, which being well incorporated, make up the Plaster into Rolls.

This differs but little from that in Our *Pharm. Lib. 5. Cap. 6. Sect. 50.* called *Stictícum.* The Virtues therefore are the same which you may fetch from thence; the only difference is, that this has Gum Elemi added to it, and another way of making up. It is good against Punctures of the Nerves, Wounds, old Sores, and all manner of weaknesses and debilities of the Limbs. It strengthens much, and is therefore good for weak Backs.

12. *Emplastrum Carminativum Sylvij*, Sylvius his Emplaster discussing Wind.

℞ *Ammoniacum, Bdellium, Galbanum, A.* ʒ ſs. *Olibanum; red Myrrh, A.* ʒij: *Opium* ʒj: *dissolve them in Vinegar of Squills, and when they are again thickned add yellow Wax, Colophony, A.* ʒiij: *Oyl of Brick* ʒj: *Oyl of Earth* ʒ ß: *distilled Oyl of Caraways* ϶ ß: *Venice Turpentine* q. s. *mix, and make an Emplaster according to Art.*

It is excellent against Tumors and Obstructions of the Spleen and Bowels, proceeding of Wind and other causes: it dissolves and dissipates potently all kind of Swellings; and I have applyed it successfully to hard Tumors and Nodes. *Sylvius* saith, That a Man of *Amsterdam* of about 50 years of Age, had a great, unequal and hard Tumor, in the left *Hypochondrium*, about the bigness of an Arm, reaching forwards towards the right side, according to the most frequent scituation of the *Colon*, ascribed to the Spleen by other Physicians to-

together with other Symptoms of the Hypocondriack Diseases, which the application of this Plaster softned and took away; taking also Pills inwardly, made of the same Gums: It is an admirable easer of pain, being applyed to what part soever. Spread it on soft Leather.

13. *Emplastrum Catholicon*, The Universal Plaster.

℞ *Oyl Olive, Bees Wax, Æ.* ℔iij. *Turpentine, Resin, Burgundy Pitch, Gum Elemi, Æ.* ℔j. *Oyl of Hypericon* ℔j. *mix, and over a gentle heat, make an Emplaster.*

It heals all green Wounds: It softens, ripens, opens, and heals all hard, Scrophulous and Oedematosus Tumors: it also cleanses, heals, and drys, old, stinking and malign Ulcers.

14. *Emplastrum Arthriticum*, An Emplaster against the Gout.

℞ *Diacalciteos* ℥j. *Opium strained* ℥ß. *Venice Soap* ℥ij. *mix, and make an Emplaster.*

It is wonderful in all pains of the Gout, Sciatica, or Scurvy, or proceeding from what cause soever, in any part of the Body what soever; in which case it is the only, last, and most certain Remedy. It eases the Head-ach and causes rest.

15. *Emplastrum Stictic. cum Nostrum*, Our Stictick Emplaster.

℞ *Oyl of Hypericon* ℥xij: *Litharge, Saccharum Saturni, Æ.* ℥iij: *Turpentine, Balsam of Peru* ℥ij: *Aloes, Ammoniacum, Bdellium, Galbanum, Myrrh, Opopanax, Sagapenum, Wax, Æ.* ℥j: *Frankincense, round Birthwort, Caranna, Taccamahacca, Æ.* ℥ß: *boyl the Oyl, Wax and Litharge with some water together, till they will not stick to ones fingers: then dissolve what are to be dissolved in Vinegar, and ponder what are to be pondred: add the dissolved Gums, which boyl till the humidity is evaporated: lastly, add the*

the ponders and Turpentine, and make a Plaster.

It is good in the cure of Wounds, simple or contused, old Ulcers in the Leggs, or elsewhere, cut Nerves, bitings of Venomous Beasts, Cancers, Fistula's, Scrophula, Sciatica, old Aches, pains and Gouts of all Sorts; bruises, Ruptures, and weakness in the back or other parts. It wonderfully strengthens debilitated Members, eases pain, and is good for the Spleen; it ripens tumors, asswages Inflamations, defends from Accidents, discusses, mollifies, attracts, incarnates, digests, consolidates, and is eminent for old Aches.

16. *Emplastrum Hystericum nostr.* Our Plaster for the Womb.

℞ *Galbanum* ℥xij; *Ammoniacum, Caranna, Opopanax, Sagapenum, Tacamahacca, Oyl Olive, A.* ℥ vj: *Turpentine* ℥ jv: *the Gums severally dissolve in Vinegar; then melting the Turpentine and Oyl, add the Dissolutions, which boil to the consumption of the humidity, and make a Plaster according to Art.*

It digests, mollifies, and resolves Scrophula's, Nodes and hard Tumors both in the Joynts and other Members. It is prevalent against the Gout; is good against Corns and Warts, helps the Megrim, and fits of the Mother, Ruptures, pains of the Breasts, Head, Sides, Bowels, Liver, Spleen, Reins, Womb and Nerves, proceeding from Wind, humors, or any intemperature.

17. *Emplastrum de Ranis nostr.* Our Emplaster of Frogs.

℞ *Juyce of six large green Frogs; Oyl of Hypericon, A.* ℥ vj: *of our Emplastrum stictitum* ℥ xij: *Quick silver kill'd with spittle, juyce of Limons, Turpentine or flowers of Sulphur)* ℥ vj: *boil first, then mix in a warm Mortar the Quicksilver, and make an Emplaster.*

It resolves a Scirrhus, hard swellings of the King's Evil, Nodes and other hard Tumors: It eases intollerable Pains arising from the French Disease, being upon the shin

Bones, or in other places between the Joynts: but above all for the King's Evil, whether new or old, it is a moſt excellent thing.

18. *Emplaſtrum Saturni cum Mercurio*, Emplaſter of Saturn with Mercury.

℞ *Saccharum Saturni* ℥iiii. *Amalgama* (*of Quick ſilver* p. ij. *with Lead* p. j) ℥vj: *Chalk* ℥ſs: *Galbanum* (*diſſolved in Vinegar, and inſpiſſate to a fit thickneſs*) *Myrrh A.* ℥ij: *Turpentine* ℥j: *Boars greaſe enough to make it into a Plaſter in a hot Mortar.*

It cures a malignant Callous and the worſt Ulcers at once dreſſing (if you firſt waſh them, when foul, with the ablution of Mercurius dulcis in Lime-water, *&c.*) ſpreading it upon thick leather, and laying it on with a Plaſter of *Diacalciteos* upon it, binding it up, and not ſtirring it for 15 daies.

19. *Emplaſtrum Aranearum* ſeu *febrifugum*; Plaſter of Spiders.

℞ *Venice Turpentine* ℥iij: *melt it: then add live Spiders* N° xxx. *mix them with a Peſtel, till the Turpentine be of an Aſh Color, and the ſpiders appear not: After heat it, and add of ſmall ſpiders* N° xl. *ſtir them again, adding ponder of Aſphaltum, and white ſal Armoniack A.* ℥iij: *grind them till the matter be cold and very black: keep it* 14 *dayes, then ſoften it at the fire; and with your hands dipt in oyl make it up.*

Make Plaſters hereof, and cover them with leaf-Silver or Gold, and lay them to the Pulſes of both Wriſts, an hour before the fit of a Feaver or Ague comes (whether a continual or intermitting Quotidian, Tertian or Quartan) leave them on nine days, then at the ſame hour, caſt them into running Water; by this means this Plaſter cures all Feavers and Agues.

20. *Emplaſtrum Sarcoticum*, An Incarnative Emplaſter.

℞ *Oyl of Maſtich, Honey of Roſes, A.* ℥ſs: *Turpentine, Sarcocol, Mummy, A.* ℥iij; *Roſin, Wax, Barly meal, A.* ℥ij; *Frankincenſe, Maſtich A.*

℥j: *mix, and make an Emplaster over the fire according to Art.*

It breeds flesh mightily, and fills all old Sores, Ulcers, and hollow places up with flesh, by applying it upon them, being first cleansed.

21. *Emplastrum ad Herniam Carnosam*, A plaster for a fleshy Rupture.

℞ *Galbanum, Ammoniacum, Bdelium*, ana ℥ß: *dissolve in Vinegar, strain, and add Wax* ℥ ij: *Ducks grease* ℥j ß: *Oyl of white Lillies, Marrow of an Ox leg*, ana ℥x. *mix and make a Plaster according to Art.*

It was designed for to cure a fleshy Rupture of the Cod by dissolving it, and several have been cured therewith: Spread it upon linnen Cloth, apply it to the Cod, and renew it every fourth day. In the mean Season, the sick is to take the pouder of Rest-harrow roots, ad ℥j: in wormwood wine, every morning for one hundred dayes; and an Issue is to be made in the inward part of the Thigh, four Fingers breadth above the Knee, for the Derivation of the humour: continuing the application of the Plaster also till the Tumor is wholly discussed.

22. *Emplastrum ad Ganglia*, An emplaster against growing Tumors.

℞ *Ammoniacum, Galbanum, Opopanax, Sagapenum, (being dissolved in Vinegar, strained and thickned,) red Myrrh in fine pouder*, ana ℥ij. *Oyl of Bays, S. V. rectified*, ana ℥j. *Sal Armoniack, Roman Vitriol, Quick-Silver*, ana ℥ ß. *Euphorbium* ℥ ij. *to the dissolved, strained and thickned Gums, being taken from the fire, add the Oyl of Bays and S. V. after the Myrrh, Quick-silver, Sal Armoniack, Vitriol and Euphorbium in fine pouder, mixing them all very well together.*

It discusses and dissolves all sorts of hard Tumors, and such as are continually growing, as Wens, Nodes, swellings of the Kings-Evil, Wolf, Cancers, Scirrhous Tophs, and Ulcerous callosities, for

which purpoſe there is ſcarcely a better Emplaſter to be found, it prevails againſt all ſorts of Tumors in the External parts, ariſing from what cauſe ſoever.

23. *Emplaſtrum Spleneticum Piſtorij*; A Spleen Emplaſter.

℞ *Strained Galbanum, Ammoniacum, A.* ℥j. *Myrrh, Saffron, A.* ʒiij. *Sulphur Vive, Balſamum ex Aloë, A.* ʒij. *Styrax Calamita* ʒj ſs. *long Pepper* ʒj. ℈ ſs. *Frankincenſe* ʒj. *mix and make an Emplaſter, with Oyl of Capers and Wax.* A. q. s.

Spread it upon Silk or ſoft Leather, cut it into the form or faſhion of the Spleen, and then apply it.

24. *Emplaſtrum Hepaticum*, An Emplaſter for the Liver.

℞ *Cerate of Sanders* ʒij: *yellow Sanders* ʒ ſs: *pouder of Lignum Aloes, of Myrrh, of Saffron, A.* ℈j: *mix, and with Oyl of Myrrh make an Emplaſter.*

Applyed to the Region of the Liver; it comforts and ſtrengthens it mightily, and gives eaſe to pains there, taking away all Inflamations and unnatural heat.

25. *Emplaſtrum ad Lumbricos*; An Emplaſter for Worms.

℞ *Balſamum ex Aloe* ℥j: *Extracts of Wormwood and of Gentian root, A.* ʒ ſs. *mix them.*

Let it be ſpread upon cloſe or thick cloth, and applyed all over the Stomach and Belly: chiefly over the *Abdomen.*

26. *Emplaſtrum Stomachicum Mynſichti*, A Stomach Emplaſter.

℞ *Tacamahacta* ʒiiij: *fine Labdanum, Benjamin, A.* ʒij. *Colophony, Wax, A.* ʒj: *Balſam of Aloes, Balſam of Peru, A.* ʒ ſs. *Chymical Oyl of Origanum, of Time, of Zedoary and of Roſemary, A.* ℈j. *Turpentine, q. s. make an Emplaſter*, S. A.

It ſtrengthens the Stomach, takes away crudities, expels Wind, warms and comforts the part; and wonderfully

fully ſtops Vomiting, helps againſt loathings, and fortifies the concoctive and digeſtive faculties.

27. *Emplaſtrum de Galbano cum cera Mynſichti*, An Emplaſter of Galbanum with Wax, called by *Mynſicht Galbanum Coctum*.

℞ *Galbanum (diſſolved in Vinegar) yellow Wax, A.* ℥vj. *Venice Turpentine* ℥iiij: *mix and make an Emplaſter of a juſt conſiſtency.*

This is a great Emollient and Reſolver: it digeſts, mollifies, diſcuſſes and reſolves all cold hard Tumors, Scrophula's, Nodes, Tophs, Gummoſities, *&c.* it alſo eaſes pain, proceeding from an afflux of cold Humors; it eſpecially gives eaſe in the Megrim, being applyed to the part afflicted; it ſtrengthens and comforts the Brain, Nerves and Womb; it is good againſt the biting of mad Dogs, ſtinging of Scorpions, or of any other Venomous Creature. Laſtly, it takes away Corns and Warts both in the Hands and Feet, being applyed for ſome time.

28. *Emplaſtrum de Sperma Ceti Mynſichti*, An Emplaſter of Sperma Ceti.

℞ *white Wax* ℥iiij. *Sperma Ceti* ℥ij: *Galbanum diſſolved in Vinegar* ℥j: *mix and make an Emplaſter.*

Being ſpread upon Cloth and applyed to the Skin, whether of the Hands or Feet, it makes them purely ſoft and white, even to admiration; at firſt it muſt ley on night and day, and renewed every other day: afterwards it may be applyed only at night going to Bed, and ſo to be taken off the next morning. Some add to the Compoſition *Oyl of Ben* ℥i ſs. others ℥i ſs. of this following mixture. ℞ *Oyl of Ben ten parts, Oyl of Tartar one part, ſhake them together, till they are white like Cream.*

APPENDIX.

Amulets againſt the Plague.

29. *Amuletum Peſtilentiale*, A Peſtilential Amulet.

℞ *pouder of dryed Toads* ℥j ſs: *yellow Arſenick, white Arſenick, A.* ℥ vj: *Dittany, Tormentil, A.* ℥ iſs: *Pearls prepared, yellow Sanders, A.* ℈ ij: *Saffron* ʒ ſs: *Jacynths, Emeralds, A.* ℈ j: *all being in pouder, with Mucilage of Gum Arabick, make a Paſt for Amulets, which being form'd, tye up in a thin Silk or Linnen Cloth, and hang it about the Neck ſo as it may fall even upon the Region of the Hear'.*

30. *Amuletum aliud ad Peſtem,* Another Amulet againſt the Plague.

℞ *Cryſtal Arſenick* ʒij: *Dittany, Saffron, A.* ʒij: *Camphir, Euphorbium, A.* ʒj: *pouder, and with Mucilage of Gum Arabick make Paſt.*

31. *Amuleta optima ad Peſtem,* Another excellent Amulet for the ſame.

℞ *pouder of dryed Toads* ʒij: *white Arſenick* ʒ ß: *red Arſenick* ʒij: *roots of white Dittany, Tormentil, A.* ʒij: *Pearls* ʒj: *red Coral, Emeralds, Jacynths, A.* ʒ ß: *Saffron, Ambergriſe, Muſk, A. gr. iij. with Mucilage as aforeſaid, make Amulets.*

32. *Amuleta Preſtantiſſima,* The powerful Amulet.

℞ *Arſenick* ʒj: *Dittany of Creet, Muſtard ſeed, Cinnamon, A. gr. x. Ambergriſe, Benjamin, A. gr. v. mix and with Mucilage of Gum Arabick, make Amulets.*

CHAP. VII.

Of CATAPLASMS.

1. *Cataplaſma ad Porriginem;* Pultiſe for a Scald Head.

℞ *black Roſin* ℔ ß, *or more: ſtrong Ale* ℔ iij: *mix, and boyl them together, then*

then make it like a hasty Pudding, with fine flower, either of Wheat or Rye, the last is best.

Lay this a fingers thickness upon new flannel cut into three distinct pieces, so as that they might (if sewed together) make a Cap fit for the Head: Apply it warm to the Scald, dress it twice a day, taring it (when you are a going to dress it) violently off from the scald, so will it pull out the hair by the Roots; but before you apply it, let the hair be first clipt short with Sissars and not shaved. This application so oft repeat, till all the hair is pulled off by the roots, the Scabs are wholly vanished, and it has perfectly don running. Every time you dress it, wash it with Urine of another person mixt with a little Wine, then lay on the pultice again warm; after a little while it will harden like a stone upon the Head, which is (as aforesaid) to be torn violently off from the Head every dressing. When the Head is well, the hair will come thick and well again.

2. *Cataplasma suppurativum*, A ripening Pultise.

℞ *Yolks of Eggs* ℥j: *white Salt, powdered Hens-dung, Honey, A.* ℥j ß: *Meal of Orobus* ℥ij ß: *mix them well together without the heat of fire.*

It ripens and breaks Apostems, Buboes, &c. apply it morning and evening warm.

3. *Cataplasma Anodynum Sculteti*, A Pultise easing pain.

℞ *Barly Meal, Bean Meal, A.* ℥vj: *Crums of houshold Bread* ℥iiij: *ponder of red Roses* (*or of Betony*) ℥ ß: *Oyl of Roses* ℥ij: *Oxymel simple, red Wine, q.A. q.s. mix well together and apply it warm.*

The Title shews the intention, it eases pain and takes away the heat of Inflamations in any part of the Body.

4. *Cataplasma ad Paralysin*, A Pultise for the Palsy.

℞ *large white Onions, bak them in their Skins ſo well till they will beat into a kind of Pap: of this Pap take* lbj: *powder of Roſemary leaves and flowers* ℥ij: *mix them together and make a thick Cataplaſm.*

Spread it thick upon Leather, and lay it upon the benummed part; change it every twenty four hours, or rather every twelve hours, and continue it for fourteen or twenty days, more or leſs, as you ſee occaſion. Let the Cataplaſm reach as far as the Paralytick Diſtemper.

5. *Epithema Cordiale ſolidum*, A ſolid Epithem for the Heart.

℞ *Conſerve of Clove Gilliflowers and Roſes, A* ℥ ß: *Confectio of Alkermes and Jacynths, A.* ℥j ß: *Venice Treacle, ſpecies Diamargaritis frigidi, A.* ℥j: *mix them.*

Being warm, ſpread them upon Sheeps Leather, and apply it to the Heart.

6. *Cataplaſma Commune*, The common Cataplaſm or Itice.

℞ *Crums of new white Bread* ℥iiij: *new Milk a Pint: fry them over a gentle fire in a frying Pan, ſtirring them continually with a wooden Spatula, till it becomes of the thickneſs of a Pultiſe; then taking the pan off the Fire, add Yolks of Eggs N° ij: Oyl of Roſes* ℥j. *Saffron finely beaten* ℥j: *mix them.*

It eaſes pain, diſſolves and diſcuſſes ſwellings but lately come, and is of good uſe in all cold, moiſt and pituitous Tumors.

7. *Cataplaſma Narcoticum*, A Narcotick Pultiſe.

℞ *of the former Cataplaſm* ℥ x: *liquid Extract of Opium* ℥ij: *or iij: mix them well, and apply it.*

This is to be uſed where a more powerful aſſwager of pain is required: you will find it to be of good uſe in the Gout, whether it be from a hot or cold Cauſe.

8. *Cataplaſma Emolliens*, A ſoftning and ripening Pultiſe.

℞ *roots of Lillyes and Marſhmallows cut ſmall, A.* ℥iij.

℥iij. *Leaves of Mallows, Marsh-Mallows, Groundsel, Violets, Parietary, Brank ursine,* A. M. j: *fair Water* ℔vj: *boyl the roots first for a while, then put in the leaves, and continue boyling till they are perfectly soft: strain out the Decoction, and beat what remains in a Marble Morter, with a wooden Pestle, and pass the pulp through a hair Sieve reverst: the Decoction and Pulp put into a small Frying Pan, to which add Meal of Lin-seed and Fenugreek Seed, Oyl of Lillyes,* A. ℥iij fs. *boyl all together over a gentle fire, continually stirring the Mass, till it is of a due consistence.*

This softens and ripens Tumors, whose end Nature intends to be maturation, and brings them to a more speedy suppuration.

9. *Cataplasma ex stercore humano,* a Cataplasm of the Dung of Humane kind.

Make a strong Lixivium of Quick-lime, so that the water may supernate five or six inches: decant and add Mans Dung so much as may make it of the consistence of a Pultise.

This seems to be as a Divine Remedy, sent from Heaven, for the cure of all such poor Mortals as labour under continual running Sores, hollow Fistula's, putrid, virulent and malignant Ulcers, eating Cancers, and such other like rebellious Diseases; although of twenty years standing, and resisting all Remedies; these deplorable Maladies, this Medicine takes away by the roots, as it were by Inchantment, drawing away all the filthiness, corruption, malignity, stench, putrefaction, venom, virulency, and poyson; so that commonly at two, three, or four applications, but scarcely ever exceeding the seventh time of applying, the poor Patient becoms well, and perfectly freed from his tormenting companion: 'tis almost miraculous, that it should overcome the malignity and poyson of virulent and eating Cancers (which some call the Wolf, and totally master it in so short a time, as this will certainly do it: in truth it can

can be applyed to no outward old Sore in vain, and what are really uncurable by all other Medicines, are certainly cured by this, and that both safely and speedily. There is a reason for this in nature, which I cannot stand now to give.

10. *Cataplasma Cyclamitis*, A Pultice of Sow-bread.

℞ *roots of Sow-bread, wild Cucumers, A.* ℥j: *leaves of Wormwood, of Mercury*, A. M. ij. *flowers of Camomil and Melilot*, A. M. j. *boyl the roots first, then the leaves in fair Water* ℔iiij. *adding at length the white Wine a quart: strain the Decoction away, and the remainder pulp through a hair sieve: to the Decoction and pulp add Meal of Fenugreek and Lupins; powders of Wormwood, of Cummin-seed, of Fennel-seed and of Bay-berries*, A. ℥j. *mix and make a Cataplasm, as at* Sect. 8. *above.*

This is a good thing to cut and attenuate tough and thick Humors, and to digest them if need be: otherwise to dissolve and discuss them by transpiration through the Pores.

CHAP. VIII.

Of CLYSTERS.

1. ENema *Anodynum*, A Clyster easing Pain.

℞ *Carminative decoction* ℥x: *Honey of Roses, Honey of Rosemary flowers, A.* ℥j: *Lenitive Electuary* ℥i, ʒ ij: *Oyls of sweet Almonds and of Rue A.* ℥j ʃs: *mix for a Clyster.*

It is anodyne, and gives ease in violent pains of the bowels. chiefly such as arise from wind and sharp humors, as in the

the Cholick, Gripings, &c.

2. *Enema Emolliens*, Emollient Clysters of Sculletus.

℞ *Decoctum Commune* ℥viij: *Elect. Diacatholicon* ℥j: *Oyl of Violets, oyl of Camomil, A.* ℥ij ß: *mix well together for a Clyster.*

It gently moves the Belly and makes it soluble, commonly causing three or four Evacuations: This Clyster sometimes exhibited in pains of the head gives much ease.

3. *Enema mellis Rosarum*, A Clyster of Honey of Roses.

℞ *The Emollient Decoction* ℥x: *Honey of Damask Roses: Oyls of Violets and of Camomil A.* ℥j ß.: *pulp of Cassia new drawn* ℥j: *mix and make a Clyster.*

It loosens the Belly and provokes to stool.

4. *Enema Solutivum*, A Solutive Clyster.

℞ *Leaves of Mallows, Burnet, Violets, Borrage, Water-Lillies, Camomil-flowers, A. M.* ß: *seeds of Flax, of Melons, of Fennel, of Citrons, A.* ℥j: *Water, q. s. boil, strain, and add to* ℥viij *thereof, Honey of Roses solutive* ℥v: *Oyl of Violets* ℥ij: *Oyl of Camomill* ℥j: *mix them for a Clyster.*

This gently makes the Belly soluble, bringing away thick and viscous Humors, and draws away Vapors from the head and Stomach.

5. *Enema ad Ictericiam Herculis Saxonis*, A Clyster for the yellow Jaundice.

℞ *leaves of Centory both sorts*, A. M. ſs. *Linseed, Fennel, Anise and Carthamus Seeds, A.* ℥j: *pulp of Colocynthis in bits* ℥j: *boyl all in Water* ſs. A. *take of this straining* ℥x: *Electuary of Bay-berries, Benedicta laxativa, A* ℥ß: *Oyl of Rue, Honey of Roses*, A. ℥iij. *mix them.*

6. *Enema Nutriens Mynsichti*, A nourishing Clyster.

℞ *Broth of the flesh of the Bugil, Capon Broth*, A. ℥viij. *Barly Cream, Cows-milk*, A. ℥iiij. *choice Canary* ℥iij. *Sugar of Roses* ℥j. *Wheat bread dryed and pondred* ℥ſs. *yolks of Eggs*, N°ij. *mix them.*

It

It nouriſhes much, and is good to be given, where by reaſon of ſome impediment in the Throat, Tonſils or Jaws, the ſwallowing is hindred, or where by reaſon of the weakneſs of the Stomach little is received in by the Mouth.

7. *Enema Pituitam Purgans*, A Clyſter purging Flegm.

℞ *roots of Elecampane, of Pyrethrum*, A. ℥j. *leaves of Calamint, Horehound, Penny-Royal, A. ℥ß. Agarick trochiſcated and bruiſed, Gummy Turbith*, A. ℥ij. *flowers of Roſemary and Camomil*, A. ℥j ſs. *boyl in water*, q s. *ſtrain, and take thereof* ℥xvj. *Oyl of Rue* ℥iij. *Malago Wine* ℥ij. *Honey of Squills* ℥j. *Benedicta Laxativa, Diaphœnicon*, A. ℥ ſs: *common Salt* ℥ij. *mix and make a Clyſter.*

8. *Enema in Capitis affectibus Mynſichti*, A Clyſter for Diſeaſes of the Head.

℞ *Sena* ℥j: *roots of Bryony, Agarick, A.* ℥ß: *Marjoram, Camomil, Centory the leſs, Sage, Origanum, A.* ℥ij. *Flowers of Lilly Convally, of Roſemary, A.* ℥jß: *pulp of Colocynthis, Black Hellebor, A.* ℥jß: *mix and boyl in rain Water* q. s. *to the conſumption of the half: to this ſtraining* ℥xvj. *add Oyl of Vervain* ℥iij. *Honey of Roſemary flowers* ℥j ſs. *Salt* ℥ij. *mix and make a Clyſter.*

This Clyſter is of ſingular uſe in the Head-ach, Megrim, Vertigo, Scotomia, Phrenzy, Lethargy, Carus, and other cold affects of the Head and Brain: It is a ſpecifick alſo againſt Melancholy, Sorrow, Sadneſs, Quartans, Scabs, Tettars, Ringworms, Morphew, Cancers, Leproſy, Elephantiaſis, Scirrhus of the Liver and Spleen, and other affects ariſing from Atrabilis: and theſe things more eſpecially if you add in the laſt Compoſition *Confectio Hamech* ℥ſs.

9. *Enema in Cauſa à duritia facum Mynſichti*, A Clyſter where the body is hard bound.

℞ *roots of Althæa, of Mal-*

Mallows, A. ℥j: *leaves of brank Vrſine, Parietary, Althaea, A.* ℥vj: *flowers of Camomil, ſeeds of Fænugreek, Linſeed, A.* ℥ ſs: *boyl in water and ſtrain: to* ℥xvj, *hereof, add Oyl of Seſamus ſeeds by expreſſion* ℥iij. *Benedicta Laxitiva* ℥j. *mix for a Clyſter.*

10. *Enema Dolorem Colicum Sedans Mynſichti*, A Clyſter againſt the Cholick.

℞ *fat Broth a pint: Oyls of Camomil and of Dill, A.* ℥ij: *clariſied Honey* ℥j ſs: *Cremor Tartari* ℥iij: *Sal Gem* ℥j ſs: *mix for a Clyſter.* Or thus: ℞ *roots of Althæa, of Mallows, A.* ℥j: *flowers of Camomil, of Melilot, of Elder A.* ℥ſs: *ſeeds of Fennel, of Aniſe, of Cumin, of Parſly, Linſeed, A.* ℥ij: *Water,* q. s. *boyl and ſtrain: to the ſtraining* ℥xij: *add Malago Wine* ℥iiij: *Oyl of Camomil and Dill, A.* ℥ij: *Benedicta Laxativa* ℥j: *Yolks of Eggs,* N°j: *mix and make a Clyſter.*

11. *Enema Stipticum in fluxibus Ventris*, A binding Clyſter in a Looſeneſs.

℞ *Old Cheeſe dryed* ℥j ſs: *roots of Hounds-Tongue, Pomgranate Peels, Turkiſh Galls, A.* ℥j: *boyl all in rough red Wine,* q. s. *and ſtrain: to* ℥xvj, *of the ſtraining, add Frankincenſe poudred* ℥iij: *Yolks of Eggs* N°j: *mix and make a Clyſter.*

12. *Enema adſtringens Mynſichti*, An Aſtringent Clyſter.

℞ *roots of Tapſus barbatus or male Mullein, of Plantane, of Biſtort or Snake-weed, A.* ℥j: *leaves of Rupture-wort, Knot-graſs, Horſe-tail, A.* ℥ ſs: *Balauſtins, Pomgranate Peels, Myrtle-Berries, A.* ℥ij: *red Roſes, Sumach, A.* ℥j: *boyl all in Smiths Forge Water* q. s. *and ſtrain: to* ℥xvj: *of the ſtraining add juyce of Yarrow* ℥ij: *Goats Suet* ℥j ſs: *mix,* &c.

This binds and aſtringes much, and is only to be given after a ſufficient purging and cleanſing of the Bowels of their Excrements, filth, and viſcous Humors.

13. *Enema dolores dyſenterice*

tericos placans Mynsichti, A Clyster for the Bloody Flux.

℞ *Barly Broth, Milk*, A. ℔ ß: *Oyl of Roses* ℥iij: *Juyce of Plantane* ℥ij: *brown Sugar* ℥j: *Goats Suet* ℥ ß: *Philonum Persicum* ℥j: *mix and make a Clyster.*

This is an excellent good Compositum, and not inferior to any other for this purpose.

14. *Enema Diuleticum Mynsichti*, A Clyster provoking Urine.

℞ *roots of Althæa, of Grass, Liquorice*, A. ℥j: *leaves of Parietary, Saxifrage, Mallows*, A. ℥ß: *Raisons Jujubes*, A. ℥iij: *the four greater cold seeds bruised, Winter-Cherries, Gromwel seed*, A. ℥ij: *flowers of Camomil and Brom, Garden Tyme*, A. ℥i ß: *Water* q. s. *boyl and strain: to* ℔j: *of this straining, add Oyl of bitter Almonds, Oyl of Scorpions*, A. ℥j ß: *Salt of Rest Harrow* ℥j: *mix and make a Clyster.*

15. *Enema in rimis seu scissuris, Rhagadijs Ani Mynsi.* A Clyster in Chaps and Clifts, &c. of the Fundament.

℞ *Oyl of Violets* ℥v: *Butter not salted* ℥iij: *mucilages of Tragacanth, of the seeds of Fleawort and of Quinces*, ana ℥j ß: *brown Sugar* ℥j: *mix and make a Clyster.*

It is a very excellent for what the Title specifies, and causes a perfect healing sooner than can be imagined.

16. *Enema pro pueris Mynsichti*, A Clyster for a Child.

℞ *Camomil, Parietary*, ana ℥ß: *Liquorice* ℥ij: *Sena* ℥j: *boyl in Milk or broth and strain: to this straining* ℥vj: *add Manna* ℥ ß: *Oyl of white Lillies* ℥ij: *Salt* ℥j: *mix for a Clyster.*

17. *Enema pro infantibus Mynsichti*, A Clyster for Infants.

℞ *Althæa roots* ℥ß: *leaves of Melilot* ℥ij: *Flowers of Hollyhocks and of Mullein*, A. ℥j: *boyl in water* q. s *strain and to* ℥iiij *thereof add brown Sugar* ℥ß: *Oyl of Camomil* ℥ij: *Manna, Callabrina* ℥j: *mix and make a Clyster.*

18. *In-*

18. *Injectus ad Gonorrheam*, An Injection for the running of the Reins.

℞ *Smiths forge-water* ℔iij *Sumach-berries, Nutmegs, Balauſtians, Pomgranate-peels, A.* ℥ ß: *bruiſe what are to be bruiſed: boil almoſt half an hour, then ſtrain, and diſſolve therein Roman Vitriol calcined, Roch Alum, A.* ℥j: *Honey of Roſes* ℥ iij: *Verdigriſe gr.* vj: *filter and keep it for uſe.*

It is a good thing for the Intention, and if S.V. ℥ij be added; it will be yet much better.

19. *Species ſuppoſitoria acuta conficienda, Mynſichti.*

℞ *Grains of Colocynthis* ℥ij ſ: *Roots of White Hellebor, of Eſula the leſs prepar'd, of Hermodacts, A.* ℥j: *barks of yellow Myrobalans, roots of Polypody, choiſe Sena, Agarick trochiſcated, A.* ℥ß, *Sal Gem, Niter, A.* ℥ij: *Camomil flowers* ℥j: *mix and make all into a ſubtil ponder, which keep till you have an occaſion to uſe it.*

It is a good provokative to ſtool, and ſometimes performes beyond many other things.

20. *Peſſus ad ſterilitatem, Mynſichti*, A Peſſary againſt Barrenneſs.

℞ *Darnel meal* ℥ß: *Hares Rennet, burnt Alum, Caſtoreum, liquid Storax, A.* ℥ij: *red Myrrh, Opopanax, Galbanum, Calaminth, white pepper A.* ℥j: *Muſk, Ambergriſe, A.* ℥ß: *mix and incorporate them well together, of which make two Peſſaries.*

Theſe provoke the Terms and cleanſes the Womb of all its impurity, opening the mouths of all the Veſſels thereof: They are only proper for Women which are barren through too much fat or too great a Flux of humors, in the Parts dedicated to Generation. Of theſe let one be held in the Womb from noon till night. If they prove ſtrong, let them not be retained in the Womb above an hour: but if weak, let them be continued for a whole night: After the uſe hereof, the ſick may, if ſhe finds cauſe, uſe ſome proper

warm

warm Bath. But, if there remains, after the use of this medicament, any troublesom pain, it will be good to put up a sufficient quantity of Lint moistned well with Oyl of Violets and mucilage of Fleawort-seeds, lest an Exulceration should follow.

To the Immense and Divine Triade, *who has enabled me to go through and perfect this Work, under manifold Afflictions and great Weaknesses, and to bring it to light under a long Sickness of above* 40 *weeks continuance: who has delivered me from the Grave, and saved me from the Jaws of Hell, making me to break its cords asunder; who has made me to survive Envy, and to wade through a Sea of Lies, designed Calumnies and Slanders: and has caused me to triumph over the false and lying Tongue: who pointed out to me the Snare, and has delivered me from the Power of the Sorceress: To him whose Almighty Power, under all this great Burden has sustained me, and whose Right Hand has thus admirably upheld me, who has put into my heart his Fear, and impressed upon my Soul the Character of his Holiness: who has dealt with me after a wonderful manner, and made me largely to partake of his loving Kindnesses, even in the midst of Judgment, so that his Rod became a Staff unto me. My Soul in Testimony of abundant Thankfulness, offers up to my compassionate GOD a perpetual Sacrifice of Praise and Thanksgiving; to whom belongs all Power, Dominion, Honour, Glory and Renown now and ever. Amen.*

From my House, at the *Blew-Ball* in Shoo-lane, London, 7 Julij. 1682. SALMON.

FINIS.

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G.

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Gum Galbanum l 1. c 2. ſ 12.
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H.

Halikakabon l 1. c 1. ſ 10.
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Hartmans *green Water* l 3. c 1. ſ 8.
Harmel, *or* Harmela l 1. c 1. ſ 91.
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Hartshorn to calcine Philoſophically ibid.
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Hy-

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I.

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Jacea l 1. c 1. ſ 49.
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M.

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MVSEVM BRITAN NICVM

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